

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER



Established 1859

28 Essex Street, Strand, London, W.C.2

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MAY 4, 1940

Annual Subscription (with
Diary) 20/- Single Copies 9d.

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1914

1939



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Service
for
3 generations



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COAL TAR SOAP

Unsurpassed for Purity, Quality,
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BRONCHOVYDRIN

INHALANT

Certain statements having been made regarding the status of our Company and Dr. R. Weil's BRONCHOVYDRIN ASTHMA INHALANT, for which we are the Sole Distributors, we hereby declare that—

RIDDELL PRODUCTS LTD.
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BRITISH CAPITAL
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Dr. R. Weil's BRONCHOVYDRIN is now manufactured in Holland, under his own personal supervision, entirely free from any German interests.

**NOT ONE PENNY PIECE SPENT BY THE PUBLIC IN PURCHASING
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BENEFITS ENEMY INTERESTS IN ANY WAY**

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The Leading House for Inhalation Therapy

Registered Office: 3/7 Southampton Street, London, W.C.2

All communications should be addressed to

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90 years'
Goodwill
has made



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Show 'Elasto'—It sells on Sight!

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ONE SHILLING & THREEPENCE PROFIT ON EVERY SALE

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad-Leg, Phlebitis, Hardened Arteries, Heart Troubles, Rheumatism, Bad Circulation, etc. A Tablet Remedy, easy to handle—and reliable.



Retail Price 5/- per pkt. Wholesale 45/- per doz.

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The NEW ERA TREATMENT CO. LTD.
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Spraygloss IS A WINNER!

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G. H. MOORHOUSE, M.P.S.
DISPENSING CHEMISTS,
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PHARMACEUTICAL SOCIETY
OF GREAT BRITAIN.

Sales Manager,
Messrs. A. & F. Pears Ltd.,
The Soap Works,
Isleworth, Middlesex.

15th March 1940.

Dear Sir,

Your new "Spraygloss" certainly is a winner, and we congratulate you on it. It looks well too.

With the first supply we had, we made a display in the window and sold out within a few days. Our customers have shown a quick appreciation of "Spraygloss".

It is just what the ladies wanted, apparently.

We can take a repeat order just as soon as you can send it.

Yours faithfully,

SUTTON & CO.
G.H.M.C.

SPRAYGLOSS, Pears new Hair Spray, is an instantaneous success. "Just what was wanted" is the general verdict of the trade who predict a tremendous demand for "the perfect hair spray."

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PSC7: 551



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for Feminine Hygiene

W. J. RENDELL LTD.

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Disinfectants

to Hospitals, Public Institutions, Local Councils, &c.
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers to
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give you special terms.

Carbolic Disinfecting Fluids containing 3% to 80% Tar Acids.

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Special Disinfectant Fluids approved by the Ministry of Agriculture under the
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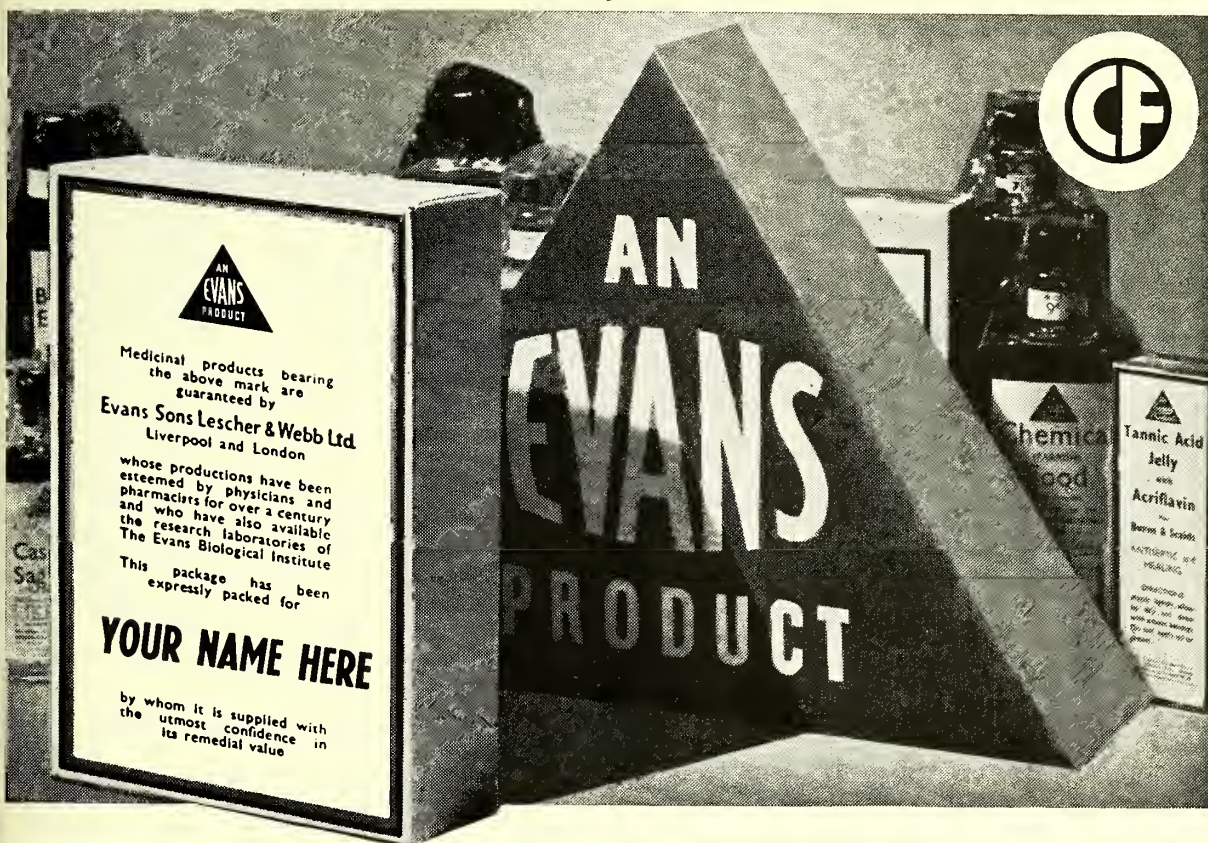
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Here is a range of some 80 selected pharmaceuticals covering virtually all your customers' everyday requirements. They are attractively packed under your own name to be sold as *your* lines.

Every one of these fine products is prepared specially in the Evans laboratories. They carry a reputation symbolised by the Evans mark — accepted by chemists, doctors and hospitals in every part of the world.

Together they provide a complete range, every item of which appears in the

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While strengthening your goodwill this range of packed pharmaceutical goods carrying your name

will push up your sales to a new peak — and profitably. Every item in the list is available to you at a price which allows you a substantial margin of profit. Write now for full particulars and terms.

EVANS

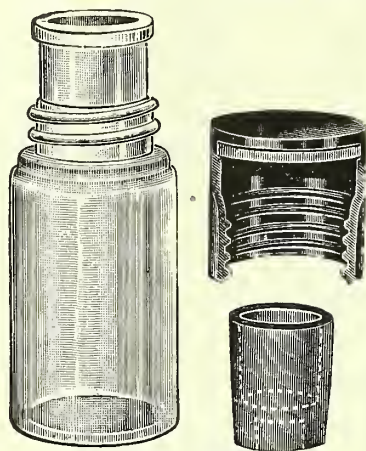
PACKED PHARMACEUTICALS

EVANS SONS LESCHER & WEBB LTD., LIVERPOOL & LONDON

The 'Clinbritic' Vaccine Bottle

Patent No. 492200

MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



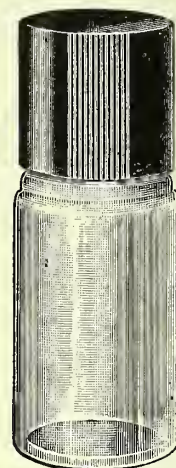
Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.

No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakeiite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.

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- Quick Sellers
- Immediate Delivery
- Good Profits
- National Advertising

HERE'S A LINE THAT OFFERS ALL FOUR ADVANTAGES NOW

SCRUBB'S CLOUDY AMMONIA

the only Nationally Advertised Cloudy Ammonia. Place our show material to the fore in your shop to let the public know that you stock Scrubb's. It is selling well; are you getting your share?

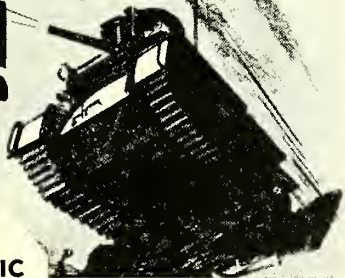
● NOTE NEW PRICES

6^D & 1/5

All enquiries to

CHEMICAL & NATURAL PRODUCTS, LTD., Wimbledon Factory Estate, Morden Rd., London, S.W.19

OVER THE TOP!



WAR-TIME SALES OF "VASELINE" HAIR TONIC BEAT PRE-WAR RECORDS

Sales up, stocks plentiful and the price at pre-war level — that's the healthy position of "Vaseline" Hair Tonic after six months of war. And a generous margin of profit is

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Vaseline

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HAIR TONIC

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CHESEBROUGH MANUFACTURING CO. LTD.

Victoria Road, London, N.W. 10

4892

BRITISH MADE

Wanie Blades

8/- PER GROSS

make your face smile!

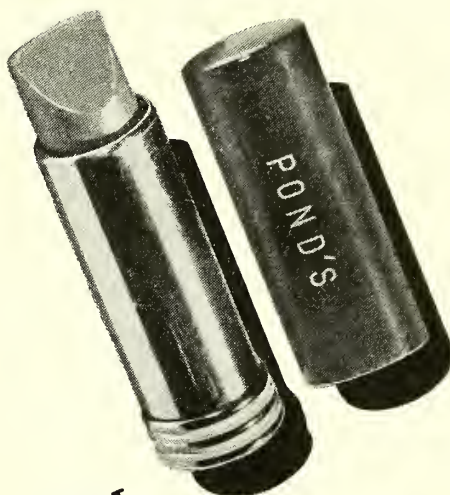
THREE HOLE TYPE
8/- per gross

SINGLE EDGE TYPE
9/- per 100

Obtainable through your usual Wholesalers
TRADE ENQUIRIES INVITED

LONDON & PROVINCIAL FACTORS, LTD
146 THEOBALD'S ROAD - - LONDON, W.C.1

6^D SIZE NOW READY



THE NEW Pond's Lipstick

Two sizes — four shades

SUPPLIES of both sizes of the new Pond's Lipstick are now ready — the standard size, retail price 2/6, and a trial size to sell at 6d. Both give you the same margin of profit as on other Pond's lines.

In their smartly-designed green, white and gold cases, these lipsticks will be certain winners. They're smart, smooth and lasting on the lips — with just that extra luxury quality that women are quick to recognize and appreciate.

Send your order now for immediate delivery.

POND'S LIPSTICK

Light
medium
vivid
Ruby

2/6^D
AND
6^D

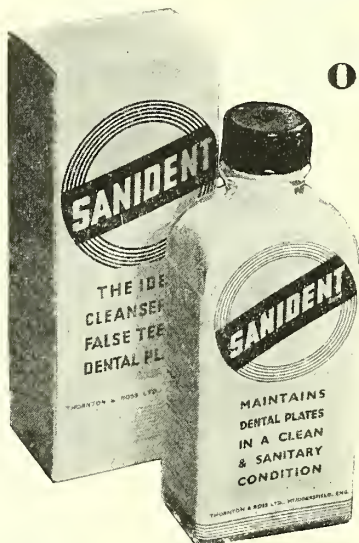
ADVERTISING STARTS
IN NATIONAL NEWSPAPERS
THE FIRST WEEK IN JUNE

No change in price or quality

of

SANIDENT^{Regd}

Sales steadily rising



Every assistance in sales aids is given to the stockist of Sanident. Various show material is available as required.

Thanks to advance buying of materials, it is not yet necessary to increase the price of Sanident. The attractive carton and other packing arrangements will also continue without change.

This is an added incentive for you to stock and display Sanident, the modern denture cleanser. More and more pharmacists are selling Sanident for its excellent value and pronounced efficiency. It is, in fact, the biggest value in perborate dental cleansers, and rarely does a "first sale" fail to make a regular user.

Sanident is definitely antiseptic and contains no acids or abrasives to harm the composition of dentures.

There is a profit to the chemist of 6d. on every bottle sold.

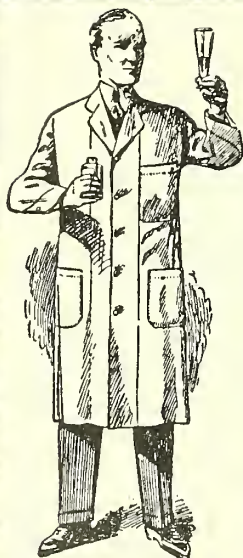
Retail **1/3** per bottle.

Trade price **9/-** per doz.

THORNTON & ROSS LTD., LINTHWAITE, HUDDERSFIELD

TRZ5

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HIGH GRADE OVERALLS

LONG COATS

White, Khaki or Grey
7/6, 9/6, 11/6
Super Quality, specially shrunk,
13/6

LONG COATS

White, Khaki or Grey, hard
wearing
SPECIAL OFFER 6/5

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Super White Drill
4/11, 5/11, 8/6

ALPACA JACKETS

(for the warm weather)
A large selection at all prices

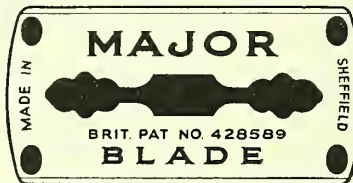
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OPPOSITE THE NEW ALDGATE EAST STATION

SOMETHING NEW FOR CHEMISTS

Retail
1d.
each



Retail
4
for
4d.

The Slotted "Major" Blade fits
Three-peg and Bar-Type Razors.

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SPONGES

FINE TURKEY (Good Cuppy Shapes)
6/-, 8/-, 10/-, 12/-, 16/-, 20/-, 24/- doz.

HONEYCOMB from 4/6 to 60/- doz.

Buy now before supplies become scarce

THOMAS SWALES
ST. STEPHEN'S ROAD, LEEDS, 9

Tel. 22260 Leeds

FALSE TEETH?



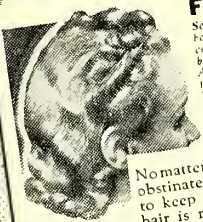
YOU NEED ME!

I'm made specially for dentures. My black bristles are tough—stiff but springy. My main bank of 35 tufts quickly cleans the plate and tufts penetrate every crevice. My shoulder is cranked so that my head reaches into the hollow of the top plate. My tapered handle gives an easy grip. Sterilized and 'cellophane' wrapped, I cost only 2/6. Ask your chemist to show me to you.

2/6

I am ADDIS 88
THE BRUSH FOR YOUR DENTAL PLATE

Vosemar
gives natural
lasting curls
to the straightest hair



FREE

Send to address below for free copy of absorbing booklet written by Ann Beckingham, Vosemar and gives lots of useful information on the care of your hair

No matter how straight, obstinate and difficult to keep in place your hair is now, Vosemar will transform it into glorious natural curls and waves quickly and easily giving an amazing new lustre and glamour. Thousands of women have written in praise of Vosemar. It is safe, simple and good for the hair. No heat, or irons needed. Results really last, or hair becoming permanent. Vosemar is recommended by all leading beauty edresses. 1/6 tube lasts one month. (Curl Top gives natural curls to babies. 1/3 tube lasts one month).

Vosemar

From all chemists or in case of difficulty direct, post free from—
VOSEMAR LTD, Dept. R.F. & BURY, Lancs. Large tube 1/6

HOW TO
Rub Away
RHEUMATISM

By a Lady Who
Feared She would be
a Cripple for Life

"Last year I had Rheumatism in my right knee so severely that my right leg became shorter than my left. I could not stretch it out, walked with difficulty and with a decided limp."

"I was advised to try Elliman's Embrocation, and the result was marvellous. I bathed my knee first in very hot water, then rubbed in the Embrocation, and after a few days I walked as well as ever I did."

"You are perfectly welcome to use my letter, for it was such a relief to me to get well so quickly when I feared I should be a cripple for the remainder of my life that it might remain of others to try Elliman's and I think we should all help one another where we can."

A. H. ANERLEY.

This lady tried Elliman's on another's advice and the result was marvellous. Why not try it yourself on her advice if you are a sufferer from Rheumatism, Lumbago, Sciatica, Chest Colds, etc.?

HELPLESS IN BED

"I was helpless in bed with Rheumatism in the back and joints, then I read about Elliman's. Since taking hot Elliman's Embrocation baths and good massage after, am ever so pleased to say I am as good as cured. It is splendid, and as you say should be in every home."

(Mrs.) F. Stacey, East Ham.

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"I feel that I must write to you and let you know the benefit I have received from Elliman's Embrocation. I have been suffering for about three months. I suffered awful pain, nothing did it any good, until I finally decided to give your Embrocation a trial, with wonderful results—in less than a week the swelling and pain had gone."

M. Pratt.

FIRST NIGHT'S SLEEP
FOR THREE MONTHS

"I am pleased to say after I had the Embrocation from you that was the first night's sleep I had for over 3 months. I have spent money on other remedies but no good, so I will never be without Elliman's again. Proud to say all pain gone."

Henry Williams, Knutsford.

**Rub IN
ELLIMAN'S
Rub OUT
PAIN**

ELLIMAN'S EMBROCATIONS
For Human Use 1/3, Medium Size 2/ large 4/
ROYAL (for Animals) Medium Size 1/6 Large 2/9
OF ALL CHEMISTS AND STORES
Elliman & Co., Ltd., Slough, Bucks.

Keep Your Nails Clean,
and Hands Well Groomed!

Perox Chlor is the Magic Nail Cleaner and Hand Beautifier. It takes out the dirt, makes the tips Ivory White and leaves the hands SOFT WHITE AND FRAGRANT.

Your nails and hands will always look well groomed when using this NEW SCIENTIFIC TREATMENT. NO MESS!! NO BOTHER!! Just squeeze a little on your nail brush and shampoo your nails and hands. Presto!! Your nails and hands become immaculate immediately.

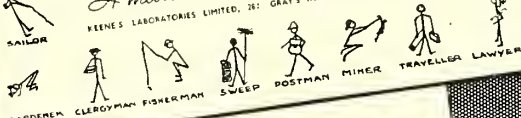
Use Perox Chlor every day. And what a boon it is to surgeons, doctors, gardeners, motorists, housewives, typists, nurses, sailors, soldiers, airmen, farmers and many more besides.

1/3, 3/-, 5/- in tubes and jars. From all chemists and Stores. A 1/3 tube or jar lasts for months.

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Perox-Chlor**
A marvel of Scientific Chemistry

KEENES LABORATORIES LIMITED, 281, GRAY'S INN ROAD, LONDON, W.C.1



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*is now within the
reach of every woman*

● Thousands of women who have been deterred from using this modern, more hygienic form of sanitary protection regularly because of price, will now buy HOLLY-PAX every month. Internal sanitary protection at the popular price of SIX for 6d., 12 for 1/-, means hundreds of new customers for YOU. Place your order for HOLLY-PAX now.

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Packets of 6 Tampons—
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holly-Pax



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TELEGRAMS: "DRUGSUND, SMITH, LONDON"

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Hard Rubber, Celluloid, Leather and Mole

Covered and Elastic Band Trusses, under the

"MASTER"
BRAND
TRADE MARK



are sold in all
Markets of the
World.

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PERFUMERY BOTTLE WICKERERS in RAFFIA or SILK, plain or fancy, wide range of designs. Own bottles wickered at moderate cost.

Suspensory Bandages and Jock Straps

We offer distinctive lines of outstanding value. Our weaving sheds allow of all intermediate profits being passed to our customers.

Write for sample range at Special Rate, then compare.

F. SCHUTZE & CO., LTD.

Black Bull Works, Market Road, London, N.7



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ENGLISH DRIED MILK

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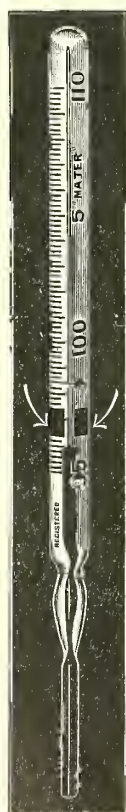
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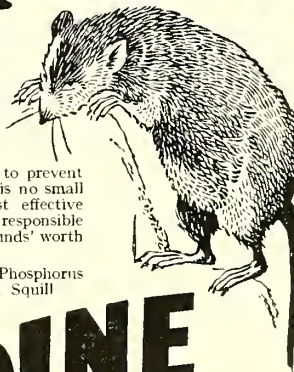
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NEWS OF THE WEEK

Association of Tar Distillers.—The following officers and committee were appointed at the annual meeting held on April 16:— *President*, Mr. S. Robinson; *Vice-President*, Lt.-Com. Buist; *Treasurer*, Mr. C. E. Carey; *Auditor*, Mr. E. Hardman. The secretary is Mr. J. Davidson Pratt (general manager, Association of British Chemical Manufacturers).

Trading with the Enemy.—The Board of Trade has issued the Trading with the Enemy (Specified Persons) (Amendment) No. 4) Order, dated April 23, 1940. This order contains the test list of persons and companies with whom it is prohibited to trade. Copies may be obtained from the Stationery Office, Kingsway, London, W.C.2, price 8d.

Deodorant for A.R.P. Chemical Closets.—British Standard Specification for closets for use in air-raid shelters, just issued (BS/ARP 43) includes a paragraph on deodorants. Examples of suitable deodorants are "the commercial white disinfectant liquids which are intimately miscible with water or urine." Creosote that is completely fluid at 15.5° C. (60° F.), and is in other respects in accordance with BS 144, 1936, may also be used. Copies of the specification may be obtained from the British Standards Institution, 28 Victoria Street, London, S.W.1, price 3d., post free.

Control of Sulphuric Acid.—The Minister of Supply has made the Control of Sulphuric Acid (No. 2) Order which revokes the No. 1 Order (C. & D., December 23, 1939, p. 555). It does not materially alter the system of control applicable to the sulphuric acid industry, but it clarifies the earlier Order in the light of the experience gained by the Ministry in operating this and other orders. A direction is also issued raising the maximum prices which may be charged. As from May 1 the addition which may be made to the basic price in the case of 77 per cent. acid is 5s. 6d. per ton and *pro rata* for acid of other strengths. This increase is based on the increase in manufacturing costs since the outbreak of war other than the increase in the price of pyrites and sulphur. The increase, however, is intended to cover manufacturing costs for some months to come. On August 1 the price of 77 per cent. acid may be increased above the basic price by 20s. a ton. This increase is based on the higher price which is to be charged by the Ministry as from May 1 for sulphur and pyrites. The lapse of time between the increase in the price of the raw material and the increase in the price of sulphuric acid is due to the fact that on the average manufacturers hold about three months' stocks. The direction also provides for price increases in the case of reagent acid. The direction, in addition, enables the sulphuric acid manufacturer to recover his additional delivery costs, and where railway tank wagons are loaned by the sulphuric acid manufacturer demurrage may be charged. Copies of the new Order and direction may be purchased from H.M. Stationery Office, Kingsway, London, W.C.2.

Essential Oils—Open General Licences.—At the request of the Ministry of Food, the Board of Trade are making the following amendments to the Open General Licence in respect of certain foodstuffs:—

Under the heading farinaceous substances, the Open General Licence for TAPIOCA, CASSAVA, and MANDIOCA is revoked, but a similar Open General Licence has been issued for SAGO. This modification will take effect from April 30, but goods proved to the satisfaction of the proper officer of Customs and Excise, at the time of importation, to have been dispatched to the United Kingdom before that date will not require a licence.

The Open General Licence for meat extracts and essences apply only to meat extracts and essences other than medicinal substances of animal origin, ready for use.

An Open General Licence has been issued permitting the importation without separate licence of the following goods from any part of the British Empire (except Hong Kong, Palestine and Transjordan):—

ESSENTIAL OILS, natural or synthetic and mixtures thereof, including terpeneless oils.

Further, an Open General Licence has been issued permitting the importation without separate licence of the following goods if consigned from France, Algeria, Tunis, Syria, French West and Equatorial Africa, French Somaliland, Madagascar and Dependencies, Réunion, French Possessions in India, French Indo-China, French Possessions in the Pacific, St. Pierre and Miquelon, French West India Islands or French Guiana:—

ESSENTIAL OILS, natural or synthetic and mixtures thereof, including terpeneless oils. Tomatoes, fresh or raw (as from May 15).

Inquiries and applications for licences to import goods falling within the essential oils heading should be addressed to the Import Licensing Department, Board of Trade, 25 Southampton Buildings, Chancery Lane, London, W.C.2.

Pharmaceutical Export Group.—As briefly announced in last week's C. & D. (p. 318), a pharmaceutical export group has been formed. This body has now received the recognition of the Export Council of the Board of Trade. The object of the group is broadly to promote the export trade in accordance with the policy and procedure of the Export Council as outlined in the White Paper Cmd. 6183. Any person, firm or body corporate, being a manufacturer of pharmaceuticals, and actively engaged in carrying on in the United Kingdom export trade in these products, will be eligible for membership of the group. The term "pharmaceuticals" will include medicinal chemicals, drugs, galenicals and pharmaceutical specialties. The group will co-operate not only with the Export Council and various Government departments, but also with other export groups including those to be formed by the Association of British Chemical Manufacturers to deal with other branches of the chemical

industry and any export groups of merchants. At a meeting on April 17 twenty-eight firms signified their intention to join the group. Other firms who are interested can obtain full particulars on application to the Association, 166 Piccadilly, London, W.1. The chairman of the group and of the executive committee will be Mr. A. Mortimer, of the Wholesale Drug Trade Association, and Mr. J. Davidson Pratt, general manager of the Association of British Chemical Manufacturers, will be vice-chairman. Mr. W. J. Williams has been appointed secretary-manager of the group and will operate from the above address. The executive committee will consist of the following:—Mr. G. Dalrymple (Ayrton, Saunders & Co., Ltd.), Mr. I. V. L. Fergusson (Evans Sons Lescher & Webb, Ltd.), Mr. G. E. Pearson (Burroughs Wellcome & Co.), Mr. C. A. O. Rideal (May & Baker, Ltd.), Mr. O. F. C. Shaw (The British Drug Houses, Ltd.), Mr. S. Whiffen (Whiffen & Sons, Ltd.). The first problem which the group will undertake will be to investigate and deal with the difficulties which firms are already encountering in meeting the export orders on their books. The main problems will be connected with raw materials, an increasing number of which are now in short supply, packing materials, shipping, etc. The group will then proceed to investigate the various export markets and the best methods of securing increased British trade in various parts of the world.

Pharmaceutical Council Meeting.—The monthly meeting of the Council of the Pharmaceutical Society was held at 17 Bloomsbury Square, London, W.C.1, on May 1. A report is published in the Coloured Supplement.

Sunderland Closing Hours.—The local Watch Committee is to take steps for a compulsory closing order for chemists' shops in the town. The proposal was made by the Branch of the Pharmaceutical Society, and the hours proposed are:—Monday, Tuesday and Thursday, 7 p.m.; Friday, 7.30 p.m.; Saturday, 8 p.m.; Wednesday, 1 p.m.

Accrington Hospital to Appoint Full-time Dispenser.—In their annual report, Accrington Victoria Hospital intimate that they intend to appoint a full-time qualified dispenser to cope with increasing requirements. Thanks are extended to Mr. A. J. Espley, M.P.S., and Miss E. Standish, M.P.S., for part-time services over a number of years.

Blackburn Closing Hours.—The Insurance Committee has decided to permit panel practitioners to close their surgeries at 7 p.m., and chemists their dispensaries on Monday, Tuesday, and Wednesday at 7.15 p.m., Thursday at 12.30 p.m., and Friday and Saturday, 8 p.m. The special rota service on Thursdays and Sundays will operate from 6 p.m. to 7 p.m.

Thames Valley Pharmacists' Association.—At Kingston-on-Thames on April 23 Mr. R. H. Kemp (organisation officer, National Pharmaceutical Union) spoke on "War-time Business Problems." He referred to the legislative and business problems that had had to be dealt with since September 1939. Messrs. Green, Lloyd, Cunningham, Edwards and others took part in the discussion that followed.

Use of Cosmetics Demonstrated at Ealing.—On April 16 Miss Mary Foster gave a practical talk on "Cosmetics and the Way to Use Them," to the West Middlesex Chemists' Association. Processes were demonstrated on ladies from the audience by two helpers, and explanations and hints were given. A number of questions were asked. The speakers and Yardley & Co., Ltd., were thanked. Mr. S. R. Hughes presided.

Branch Officers Re-elected at Carmarthen.—The annual meeting of the Cardigan, Carmarthen and Pembrokeshire Pharmacists' Branch of the Pharmaceutical Society was held at Carmarthen on April 25 when Mr. G. H. Lloyd was re-elected *Chairman*, Mr. I. Myrddin Lloyd *Vice-Chairman*, and Mr. John Gower, 14 Vaughan Street, Llanelly, *Secretary*. These officers were also appointed delegates to the British Pharmaceutical Conference. There was some discussion on other matters.

Warwickshire N.P.U. Branch.—The Warwickshire Branch of the National Pharmaceutical Union met at Leamington on April 25. The chairman referred to a valuable gift of books presented to the Coventry Technical School by the local Branch of the Pharmaceutical Society. Further applications for simultaneous window shows were considered and accepted. The functioning of the Chemists' Friends scheme in war-time, and the effect of the Prices of Goods Act on chemists, and the N.P.U. supplements, were discussed.

Purchase Tax Proposals to be Watched.—A meeting of the Crosby Pharmacists' Association was held on April 25, the president (Mr. A. Fairbairn) in the chair. Mr. W. J. Tristram (representative of S.W. Lancs and Cheshire on Executive, National Pharmaceutical Union) spoke on "The N.P.U. in War-time." He assured the meeting that the Chancellor's proposed tax on purchases, of which details were not then available, would be watched with the closest attention. A vote of thanks was proposed by the vice-president (Mr. H. A. Pringle) and seconded by Mr. J. Allen Jones.

Brighton Branch Officers.—The annual meeting of the Brighton and Hove Branch of the Pharmaceutical Society was held on April 25. The chairman (Mr. R. G. Mumford) presided, and sixty-one members were present. Mr. W. S. Howells, Richmond (a member of Council) spoke on "The War and Pharmacy," reviewing, chiefly from a business standpoint, the effects war had had on pharmacists and pharmacy. Messrs. H. A. Baker, Lewes, and T. Harper, Brighton, proposed a vote of thanks to the speaker. Officers elected for the year are as follows:—*Chairman*, Mr. H. A. Baker; *Treasurer*, Miss Kielsen; *Vice-Chairmen*, Messrs. R. G. Mumford and T. Harper; new members of *Committee*, Miss M. Cooper, Hove, Mr. L. Watson, Hove, and Mr. E. Powell, Southwick.

Keighley Association Accepted as Pharmaceutical Society Branch.—Keighley Chemists' Association met recently, Mr. A. N. Kershaw presiding. Mr. J. T. Appleton (secretary, West Riding Insurance Committee) dealt with the history of National Health Insurance. Its introduction was followed, he declared, by an improvement in the health of the country. This was partly due to the fact that the scheme restricted medical attention to doctors and dispensing of medicines to pharmacists. The lecture was followed by discussion. The secretary read a letter from the secretary of the Pharmaceutical Society stating that the necessary steps were being taken for acceptance of the Association as a branch of the Society. Thanks were accorded Mr. Appleton on the motion of Mr. E. C. Foster, seconded by Mr. W. N. Moore.

Council Candidates Discussed at Bangor.—The annual meeting of the Anglesey, N. Carnarvonshire, and Colwyn Bay Branch of the Pharmaceutical Society was held at Bangor on April 24, the chairman (Mr. Gwilym H. Hughes) presiding. Mr. Hughes reviewed the year's work of the branch. The relative merits of the candidates for the coming Council election were then considered in detail, and a list was drawn up of candidates for whom support was recommended. The officers of the Branch were re-elected for a further term. The chairman, secretary and Mr. D. A. Bryan were appointed delegates to the London Conference. The purchase tax, proposed in the Budget, was discussed and the hope was expressed that leaders in pharmacy would watch that it did not adversely affect the private pharmacist.

Pharmaceutical Topics Discussed at Reading.—A meeting of the Reading Branch of the Pharmaceutical Society was held on April 24, Miss L. Croft in the chair. Visitors present included Dr. Coward, Dr. Dyer, Sergeant Brodrip and Sergeant Hogarth. The president of the Society (Mr. W. Deacon) in an address on "Pharmacy, Present and Future," reviewed the Society's activities. The following took part in subsequent discussion: Mrs. Sherwood, Messrs. Barnett, Bluring, Brodrip, Comyns, Dyer, Rowland and Watkins. Attention was drawn to the statement in a trade paper that the cost of the "Pharmaceutical Journal" involved an annual loss of £12,000. This was criticised as misleading and untrue.

[According to the Society's Financial Statement the expenditure less income on the "Journal" for 1939 was £6,356, and postage was £5,724, making a total deficit of £12,080. In the previous year the figures were £7,758, £5,651 and £13,409.—EDITOR.]

One member suggested monthly issues in view of increasing postal and other charges. Exemption of medicines from the proposed purchase tax was urged. Divergence of opinion was evident on the rank of pharmacists in the Services. Some members seemed satisfied with present conditions, while others considered the same recognition should be accorded to pharmacists as to doctors and dentists. Members were recommended to report to the Society their experiences of treating air-raid casualties. The following resolution was agreed to for submission to the London Conference:—"That if at any time the Government should consider any scheme for extending medical benefits, particularly for the dependants of those at present insured, the Council be asked to make every endeavour to see that such

tension embodies the present National Health Insurance principle of reservation of dispensing to the pharmacist." A vote of thanks to the president was proposed by Mr. G. H. C. Rowland and seconded by Mr. R. Comyns. The following were elected branch representatives for the 1940 Conference:—Mrs. E. M. Sherwood, Caversham; Mr. E. W. Rogers, Slough; and Mr. A. Greenwood Watkins, Maidenhead.

Unichem Association.—The first annual meeting of the Unichem Association was held on April 24, Mr. D. A. Rees, Ph.C., in the chair. The Association was formed to operate the Unichem scheme (see *C. & D.*, 1938, II, 481), following a decision of the organising committee not to float a larger company until after the war. Through its organising committee, it controls general policy; Unichem, Ltd., the company formed in October 1938, conducted the Association's business activities. At present, membership is accepted only from pharmacists in London and the Home Counties, but the area of operation is to be gradually extended when distribution facilities permit. About 100 pharmacies in full membership, and twenty branches, are now purchasing through the Association. The accounts presented to the meeting showed a small loss for the period ended December 1939, a period which covered nearly two years of preparation and organisation and only seven months of actual trading. The chairman announced, however, that the first three months of 1940 had more than wiped out the 1939 deficit and the company was now on a profit-earning basis. The following were elected directors of Unichem, Ltd.:—Messrs. F. Cherry, Walton-on-Thames; A. R. Cross, Enfield; C. H. Foster, London, S.E.22; D. A. Rees, London, S.W.9; A. D. Robertson, Reading; E. Skues, London, S.W.17; and J. C. Young, London, N.5. The organising committee will consist of the above together with eight members of the Association to be elected by postal ballot. An address on "Unichem Policy and Progress" was given by Mr. E. Skues (committee secretary) who outlined difficulties overcome and developments contemplated. It was no part of the policy to manufacture their own products. Ample facilities for manufacture existed, and the aims were first to make use of the best source of manufacture for each commodity, and secondly to arrange distribution from manufacturer to retailer as economically as possible. Trade marks had been registered for certain preparations so that the goodwill created by members should remain their own property. The object of the Association was to organise the resources, in both buying and selling powers, of privately-owned pharmacies. The largest buying power in the drug trade, said Mr. Skues, was still in the hands of private men, but because it was unorganised it was rapidly being eclipsed by the buying power of multiple concerns. Only co-operation and organisation could save it, and the Unichem scheme was an endeavour to put such organisation at the disposal of private pharmacy proprietors. Contracts were in operation for drugs, sundries, dressings and surgical goods, and certain goods were purchased in bulk and distributed to members. Over 37,000 hot-water bottles, for instance, had been purchased since September 1939. Certain proprietary articles were to be introduced shortly, and trade marks had been registered for the purpose. Most of these articles would be for sale exclusively by members, and a definite area was allotted to each member in his membership agreement. One or two proprietaries, to be placed on the market subject to C.F. conditions, would be saleable by non-members also. Part of the proceeds of the sales of these proprietaries was to be earmarked for an advertising fund. Mr. J. C. Young proposed a vote of thanks to the chairman.

IRELAND

Photographic Award.—At the Irish Salon of Photography, which has just concluded, Mr. Peter Slattery, M.P.S.I., 162 Parnell Street, Dublin, won three medals and the Shield of the Irish Photographic Society for his exhibits.

Examination Results.—The following are the successful candidates at the Assistants' examination held in April by the Pharmaceutical Society of Ireland (arranged alphabetically): E. Browne, Michael Dignan, Mary E. Flynn, Mary McCarthy, J. F. Naughton, Wm. D. Nolan, John Nugent, Mary O'Loughlin, M. J. O'Shaughnessy, Hannah Russell, Mary Walsh, Michael Canice White.

Benevolent Fund Committee.—A meeting of the Northern Ireland Chemists' Benevolent Fund committee was held in Belfast on April 23, at which Messrs. Fred Storey (chairman), A. Steede, W. Martin, S. Nevin, J. Adams, C. Abernethy, Mrs.

Martin, and Mr. J. T. Nicholl (secretary) were present. An application for aid was considered and grant made. A further sum of £30 was reported received from the Belfast ladies' committee, which was warmly thanked for its assistance since the Fund was inaugurated.

Northern Ireland P.D.A. Branch.—The annual meeting of the Northern Ireland Branch of the Photographic Dealers' Association was held in Belfast on April 24. Mr. R. A. McEwen (vice-president) occupied the chair. The chairman stated that the affairs of the branch seemed to be in a satisfactory state; it was encouraging to learn that several new members had enrolled and he hoped that there would be a further increase during the coming year. The committee had intended to issue to all members of the branch folders dealing with "Restrictions on Amateur Photography," but it was decided not to proceed with this in view of the useful folder issued jointly by the manufacturers and the Association. The following officers were elected:—*President*, Mr. J. Martin Poots; *Vice-President*, Mr. R. A. McEwen; *Treasurer*, Mr. J. Dundee; *Secretary*, Mr. J. R. Sanderson; *Committee*, Messrs. C. Abernethy, J. Bell, S. H. Forrest, J. C. Culbert, A. H. Leitch, J. A. McRoberts, J. D. Morrison, J. A. Pollock, E. A. Richey, P. R. W. Shinner, R. A. E. Simmons, and A. Steede; *Auditors*, Messrs. C. Abernethy and E. A. Richey.

Irish Chemists' Golf.—At the inaugural meeting of the Irish Chemists' Golfing Society at Greystones Golf Club, co. Wicklow, on April 21, two well-contested competitions were played off. In the morning there was a stroke competition for prizes presented by P. C. Cahill & Co., Ltd., which resulted in the first prize going to the vice-captain (Mr. Michael Costello), whose score was 70 net (handicap 14). Mr. D. Gillen was second with 73. In the afternoon bogey competition Mr. Brendan Smith (captain) emerged winner with a score of all square (handicap 5), Mr. Frank Roche was second. Trophies in this competition were awarded by Aspro, Ltd. After dinner the prizes were presented to the winners by Messrs. P. C. Cahill and C. W. Chesson representing their respective firms. Following the prize distribution there was a soirée, at which the programme was provided by the entertainments committee. The next important meeting is the annual three-day tournament to be held at the County Sligo Golf Club, Rosses Point, on May 20, 21, and 22.

SCOTLAND

Edinburgh Chemists' Golf Club.—The result of a competition played over Turnhouse course on April 24 was:—1, A. H. Gillies (9), 76; 2, J. McLaren (8), 80; 3, F. J. D. McDougall (17), 84.

Kinninmont Prize Competition.—Entries are now invited for the annual competition for the Kinninmont Prize, instituted in 1894 by the late Mr. Alexander Kinninmont, Ph.C., for pharmacy students in Glasgow and the West of Scotland. Under the revised conditions the competition is open to all students in the area covered by the Glasgow and South-West of Scotland Branch of the Pharmaceutical Society who are attending or have attended an approved course of instruction for the Preliminary Scientific examination. The prize is a scholarship, value ten guineas, tenable at the Royal Technical College, Glasgow, and awarded on the result of a written examination in chemistry, botany and physics of a total of three hours' duration, held in Glasgow, Paisley and Coatbridge in May or June of each year. Intending candidates should send their names to the secretary before May 15, stating at which centre they wish to sit the examination.

Glasgow Social.—Under the joint auspices of the Glasgow and South West Scottish Branch of the Pharmaceutical Society, and the Glasgow Pharmacy Club, a whist drive, supper and dance was held on April 23. Proceeds, which are understood to have totalled over £80, were in aid of the Central War Relief Fund, and earmarked for the British Red Cross Society. Over three hundred persons attended. Mr. J. H. Ramsay (chairman of the Branch), introduced the Lord Provost, who auctioned gifts presented by various trade firms. Votes of thanks were proposed by Mr. Alexander MacSween (president, Pharmacy Club) to the Lord Provost and by Mr. A. J. Gibson (Bovril, Ltd.) to the committee responsible for making the arrangements. Mr. W. J. Moffat acted as cardmaster and the whist prizewinners were: *Ladies*: 1, Mrs. Fred Baillie; 2, Mrs. R. Wilson; 3, Mrs. Brackenridge; consolation, Mrs. C. Baxter; lady playing as gentleman, Miss N. Carruth. *Gentlemen*: 1, Mr. W. G. Reidford; 2, Mr. A. M. Irwin; 3, Mr. E. Benson; consolation, Mr. Keogh. Dancing continued until 1.15 a.m.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

REGINALD MAURICE, LTD. (P.C.).—Capital £100. Objects: To manufacture and deal in chemicals, drugs, etc. R.O.: 25 Cheapside, London, E.C.2.

KINGSGATE PHARMACY, LTD. (P.C.).—Capital £100. Objects: To trade as retail and wholesale chemists, druggists, etc. R.O.: 80 Kingsgate Road, London, N.W.6.

PERTON, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturing chemists, drug merchants, etc. R.O.: 14 Norfolk Street, London, W.C.2.

VETRINOL, LTD. (P.C.).—Registered in Dublin. Capital £100. Objects: To manufacture veterinary medicines, etc. The first directors are not named.

PESTEX PRODUCTS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in chemicals, fumigators, etc. R.O.: 63 Lowlands Road, Harrow.

CLEVELAND COURT PHARMACY, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, etc. R.O.: 15-18 Finsbury Court, London, E.C.2.

RADIUM PREPARATIONS, LTD. (P.C.).—Capital £5,000. Objects: To manufacture, import and export radium, radio-active substances and other minerals, medicines, drugs, etc. R.O.: 1-33 Corporation Row, London, E.C.1.

ROBIN HOOD PHARMACY, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, etc., wholesale and retail chemists. R.O.: 15-18 Finsbury Court, London, E.C.2.

FREEMAN & SONS (WENDOVER), LTD. (P.C.).—Capital £2,500. Objects: To acquire leasehold premises at High Street, Wendover, Bucks, and the goodwill of a business of chemists, drapers and outfitters carried on there as "Freeman & Sons." R.O.: High Street, Wendover, Bucks.

AYRTON, SAUNDERS & Co., LTD.—In the report of this company (*C. & D.*, April 27, p. 328) the amount carried forward should read £5,931.

B. LAPORTE, LTD.—Sanction has been obtained for an issue of 58,333 ordinary shares of £1. It is proposed to issue these shares to shareholders at £2 10s.

THE BRITISH DRUG HOUSES, LTD.—The directors recommend payment of a dividend of 8 per cent. (less tax) on ordinary shares for the year ended December 31, 1939.

J. & J. COLMAN, LTD.—A final dividend of 10 per cent. has been declared on the ordinary shares, together with a bonus of 1 per cent., making 16 per cent. for the year 1939 (as in 1938).

BENGER'S FOOD, LTD.—A final dividend of 7½ per cent. has been declared on the ordinary shares, making 10 per cent., less tax, for the year ended March 31, 1940, compared with 7½ per cent. in the previous year.

UNITED GLASS BOTTLE MANUFACTURERS, LTD.—The twenty seventh ordinary general meeting was held on April 18, Sir M. J. Bonn, K.B.E. (chairman), presiding. Net profit was shown to be £248,443, against £257,592 in the previous year. The chairman announced that the board had allocated £18,350 to debenture redemption reserve; £50,000 to general reserve and £25,000 to staff benevolent fund. It was proposed to pay a final dividend on the ordinary shares of 6 per cent., making 9½ per cent. for the year (as last year), and a cash bonus of 2½ per cent. (as last year), both less income tax, and to carry forward a balance of £41,096.

Private Arrangement.—**NORMAN WHITAKER, M.P.S.**, 324 Stanningley Road, Bramley, Leeds, chemist. The creditors met on April 19. A statement of affairs showed ranking liabilities of £1,168, including:—Trade creditors, £911; cash claims, £190; bankers, £66. After allowing £17 10s. for preferential claims, net assets were £174 (deficiency of £994). Assets comprised: Fixtures and fittings, £80 (expected to produce £20); stock, £120, valued at £50; book debts, £50; reversionary interest under will, £70; cash in hand, £1 5s. The County Court bailiff was in possession in respect of judgments totalling about £30. Debtor commenced trading in 1933 with a capital of £200, acquiring an existing concern and paying £160 for the stock, fixtures and fittings. During the last twelve months legal costs of about £100 had been incurred. Drawings had never exceeded £4 a week. In the year to May, 1937, turnover was £901 (net profit £229); the following year there was a turnover of £919 (net profit £216). It was decided to deal with the matter under a deed of assignment to Mr. G. A. Windsor, 8 East Parade, Leeds, with a committee.

Discharge from Bankruptcy.—**LOUIS GABRIEL CHARLES COLOMB**, trading as **LOUIS G. COLOMB**, Mercantile Chambers, Market Place, Kingston-upon-Hull, described as a chemist. Application for discharge was heard at Guildhall, Hull, recently. Bankruptcy was stated to have occurred in 1930, when debtor's liabilities were £933 and assets £121. Failure he attributed to lack of capital and bad trade; he commenced the business when he was seventeen years old, and his trading resulted in an average weekly loss of about £3. Discharge was granted subject to three months' suspension.

TOPICAL REFLECTIONS

Budget Policy

Your comments on the budget proposals of the Chancellor of the Exchequer (p. 323) make it evident that, whatever adjustments of detail may be effected, formidable additions to taxation must be accepted in a spirit of resolve to win the war. During the past few days my thoughts have reverted to the war budgets of 1900, 1901 and 1902, in which years income tax was successively raised from 8d. in the £ to 1s., 1s. 2d., and 1s. 3d., and new or increased taxes on certain commodities were levied. Those of us who were then paying income tax were probably happier than we knew, though we regarded the rates mentioned as high—and as temporary. My reason for this comparison is to call attention to a remark made by the Chancellor of that day in introducing the third of these budgets. He was reported as saying: "When the war was over and circumstances permitted, the payers of the [income] tax would have the first claim to a reduction." In the following year (1903-04) this excellent doctrine was exemplified by a reduction to 11d. in the £. But in 1904-05 began a series of increases leading to the "peak" of 6s. in the £ in 1918-22, and since then reductions have been small. The inference is that it is easier for Chancellors of the Exchequer to make use of this potent weapon than to lay it aside. Nor is this the whole story; for with new and higher taxes comes ever-increasing regimentation of the affairs of all of us in the form of controls, statutory rules and so forth.

Assessing the Indispensable

A wise observation was made at a Manchester meeting by Mr. E. Cronin (*C. & D.*, April 20, p. 291) in discussing the possibility of a revision of the list of reserved occupations. Mr. Cronin "hoped that the indispensability of the pharmacist would not be assessed on the number of N.H.I. prescriptions dispensed." There is an obvious risk that the available statistics of such dispensing might be used as a measuring rod in this connexion. We have only to recall the coming into force of the first National Health Insurance Act, with its exorcism of suspicion on the part of both the contracting parties, to realise the possibility of an unjust standard of value being improvised. The number of pharmacies where no N.H.I. dispensing is done, or where few prescriptions of this kind are received, is by no means negligible: is it intended that they shall be ranked, in the event contemplated, in a lower grade than pharmacies turning out a high average number? Further, the volume of N.H.I. dispensing bears no fixed relation to the total volume of business done. And it must not be forgotten that when the proprietor of a business is at his busiest in supervising this type of dispensing, he is least able to devote himself to the general demands of his customers. Another observation that may be made is that N.H.I. customers have not been uniformly reduced by withdrawals of young men into the Services. How various the demands on pharmacists are needs no demonstration by me. **Xrayser**

PARLIAMENTARY NEWS

Olive Oil Shortage.—In reply to Sir R. Clarry on April 24, the Parliamentary Secretary to the Ministry of Food (Mr. Lennox-Boyd) stated that edible olive oil had been in short supply for some months and it had been necessary to reserve all imports to meet medicinal requirements. The position had now improved and supplies were being distributed to grocers. In addition, groundnut oil, which was a suitable substitute for olive oil for culinary purposes, was being allocated.

Export Bargaining Methods.—Sir Reginald Blair asked the President of the Board of Trade on April 23 whether it was the aim of the Export Council to employ export cartels for making collective bargains with foreign competitors and then to quote differential export prices, to be met by an accumulative cartel-fund based on home sales, accepting the risk of retaliatory foreign dumping-duties.

The President of the Board of Trade (Sir Andrew Duncan): Export groups will organise themselves in the ways best calculated to promote the export trade of their members.

Export Council.—In reply to questions on April 16 concerning representation of the Export Council in overseas countries, the President of the Board of Trade (Sir Andrew Duncan) stated that the manufacturing and merchanting interests of the country already had extensive arrangements for maintaining contact with overseas markets. One task of the Export Groups was to consider the steps necessary to improve or augment overseas representation, and the Export Council would, in co-operation with central trade organisations, take whatever general action might appear to be useful in support of the Groups' efforts.

Invalids and Food Rationing.—Mrs. Adamson asked the Parliamentary Secretary to the Ministry of Food whether he has yet received the Medical Research Council's advisory committee's report on food rations in regard to the requirements of invalids and expectant mothers on special diets?

Mr. Lennox-Boyd (Parliamentary Secretary to the Ministry of Food) stated on April 24 that the Medical Research Council's advisory committee had considered the need of invalids and expectant mothers on special diets for supplementary rations and had expressed the opinion that under present conditions only in the case of persons suffering from diabetes mellitus was any variation required.

War Risks Insurance.—A Bill has been introduced by Sir Andrew Duncan (President of the Board of Trade) "to extend the power to amend Part II of the War Risks Insurance Act, 1939, and to enable sums paid or payable by way of premiums under the said Part II to be refunded or remitted." The main object of this legislation is to bring within the ambit of Part II of the 1939 Act "goods supplied under contracts for work, labour and materials." The amount involved is stated in an accompanying financial memorandum to be probably very small compared with the value of goods supplied under contracts of sale to which the insurance scheme is now confined. The total amount of refunds under various headings already authorised is £5,250,000, and relates chiefly to refunds on insurances for amounts in excess of the value of stocks and in respect of goods since declared to be uninsurable under the Act.

Insurance Under Export Credits Scheme.—Sir R. Blair asked the Secretary to the Overseas Trade Department on April 23 whether the Export Credits Guarantee Scheme was to be developed into insuring separate individual export transactions, subject to variations in exchange, losses by bad debts, and the various war risks from British factories until delivery in a country was effected, or whether export trade development was to be the uninsured bearer of the risks of lost capital?

Mr. Shakespeare (Secretary, Overseas Trade Department): Any exporter who is prepared to insure his overseas turnover with the Export Credits Guarantee Department against insolvency risks can obtain at his option cover against the risk of frozen credits in practically every market in the world, and is free to select a particular country for this purpose. These transfer facilities cover the exporter against delay or loss in transfer of funds from a solvent buyer whether due to economic causes, war, or other similar disturbances. Arrangements were under consideration for making the protection of still greater service to exporters.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4-5 Queen Square, London, W.C.1, on April 23. Mr. J. Hearle, London, was appointed *Chairman*, and, after occupying the chair, he presented the ex-chairman's badge to the retiring chairman (Mr. B. Pugh Davies), thanking him for his services. Mr. Pugh Davies briefly replied. Mr. A. Dobson, Blackburn, was appointed *Vice-Chairman* and Mr. A. R. Melhuish, London, was re-appointed *Treasurer*. Matters considered at the meeting included medicine-stamp duty; election of Panel Committees; suggested mutual-assistance scheme for chemists against destruction of or damage to premises or stocks in air raids; price of saccharin tablets. Several resolutions from branches were considered, and a report on propaganda work undertaken by the local organisations officer in North Staffordshire and Manchester was received. An application from Neilsen & Co. for co-operation in compiling a drug-trade index was refused. The Executive Committee's opposition to American market-research methods was not changed by any information placed before them regarding the purpose for which inquiries were being instituted.

Chemists' Defence Association Matters

A report was submitted to the directors that twenty-six claims were outstanding from previous meetings; of these four could be regarded as closed, and in eighteen others negotiations were proceeding; settlements had been effected in four. The directors received a report on four claims made against members since the last meeting, and approved a settlement effected in one of them, in which a claim following damage to clothing from leakage from a liniment bottle carried in the pocket was settled by payment of £2 13s. 5d. One member had been defended against a summons for failure to keep proper records in the Dangerous Drugs Act register. Another had been defended against a summons under the Food and Drugs Act for selling balm of liquorice with no liquorice content; the summons had been dismissed under the Probation of Offenders Act upon payment of analyst's fee.

Chemists' Friends Council

A meeting of the Chemists' Friends Council was held in London on April 16. Mr. S. J. Stearn in the chair. An application for cancellation of a manufacturer's agreement was considered, but the Council, after taking the full facts of the case into consideration, were unable to agree to the request. Two manufacturers submitted applications for inclusion of additional items in their schedules of C.F. products; both applications were referred back for consideration at a later meeting when additional information would be available. The addition of Marsh, Brooks & Co., Bolton, and J. Richardson & Co. (Leicester), Ltd., Leicester, to the list of approved distributors by wholesale of C.F. products was approved, and arrangements were completed for the wholesale distribution of C.F. products in Northern Ireland. A report was received from the chairman of the propaganda subcommittee and a suggested programme of propaganda work for the ensuing month approved.

MEDICINES AS LUXURIES.—"Patent medicines, again—swallowing which probably does more to cheer human beings up than anything else except sport—might well have been made the object of heavy taxation. I found myself swallowing four different kinds the other day, and enjoyed every one of them; and, what is more, none of them seemed to do me the slightest harm. There is a high imaginative pleasure in swallowing a dose of vitamin A and in thinking that one is absorbing the equivalent of all the butter and all the carrots one has never eaten. I am sure that many of us would be glad in these days to show our gratitude by paying more for our patent medicines. And I doubt whether an increase in their price through taxation would lead to even one person in six giving them up. We patent-medicine-swallowers are a dogged race, not easily separated from our bottles."—Y. Y. in the "New Statesman."

A meeting of the Cambridge Branch of the Pharmaceutical Society will be held at the Lion Hotel, Cambridge, at 3 p.m. on May 9. Mr. W. Deacon (president, Pharmaceutical Society) will speak on "Pharmacy Today."

NEW ZEALAND PHARMACY REVIEWED

EVENTS have proved the value to pharmacists of the Chemists' Service Guild of New Zealand. Although not empowered to discipline its members, the Guild kept watch over them, smoothed out internal difficulties, and took a great interest in the commercial side of pharmacy. During its lifetime it may claim to have done everything in its power to improve pharmaceutical status.

Not every chemist understood, appreciated and co-operated with the Guild from the start. It was not realised that in budgeting for the majority, the organisation was enriching and rehabilitating the minority as well. Much early apathy and destructive criticism was later overcome, however, and today most chemists are convinced of the necessity of belonging to and supporting an organisation which guards their interests. When company pharmacy, with its large capital and chain-store methods, determined to establish itself in this busy country of 1½ millions of people, already adequately served by approximately 500 pharmacies, it was the Guild which faced up to the problem and used its organisation to protect practising pharmacists. It was obvious that, if both chain and individual pharmacies were to succeed, capital and population would both be necessary.

From the ranks of the Guild a central committee was formed and a case prepared which was duly presented to a large Parliamentary Committee. New Zealand chemists have no quarrel with the conduct of this inquiry. Strong cases were presented, and it is gratifying to note that, at the conclusion, each interest retained the respect of the other. The Parliamentary Committee appreciated the worth of the individual chemist, and wished to retain his services. At the same time the business methods adopted by the established chain company impressed them, and this company was allowed to retain its existing shops, though debarred from extending for six months, while the private chemists were asked to put their house in order, or shall we say, to modernise. Investigations were made, and actions based upon facts and figures were recommended. Apart from the adoption of new merchandising ideas, better and brighter pharmacies, and more convincing displays, the principal step taken was the abolition of the flat rate of dispensing charges, and introduction of the more scientific method of costing individual scripts, similar to that in use in England today. Because each chemist had to price his own scripts and because the method to some extent reduced profits, it was not cheerfully accepted, but the authorities favoured it and so the chemists co-operated. Today the scheme is working more smoothly and seems to be appreciated by the public.

Official Control of Pharmacy

Thinking chemists had long realised that the solution to most of their problems was to be found only in an agreed policy, *plus* action, *plus* a leader to bring about co-ordination of the units, and so the next major step was a request that pharmacy should be controlled by the Bureau of Industries and Commerce. Under this arrangement a certain amount of regulation is unavoidable, but it was felt that if the Bureau, the chemists and the multiples each sacrificed a little, the long-term benefits would make their sacrifices worth while. Thus the stage has been reached at which pharmacy is controlled by a committee appointed by the Bureau of Industries and Commerce, and its decisions are effected through a Director of Pharmacy. At the moment the greatest gains to pharmacy from this policy are: (1) Standardised dispensing prices based upon a schedule issued by the Bureau; (2) licensing of all pharmacies.

Licences are granted only after the Bureau is satisfied a real need exists and that existing facilities are unable to provide the necessary service. Overlapping is not permitted. On occasion, two neighbouring chemists, each operating his own pharmacy, have amalgamated.

But it must not be thought that New Zealand chemists have now no difficulties. At the moment it is questionable whether net profit will be up, after taking into account reduced charges and increased over-heads due to levies. Despite the irksomeness of regulations, it is felt that pharmacy will eventually emerge successful from its great upheaval, for whatever Government is in power will have to admit that the chemists of the Dominion have made and are still making great efforts to be worthy and efficient members of the country's health organisation.

The provisions of the Pharmacy Act, 1939, which came into force on January 1, 1940, follow the lines of the Bill as introduced (see *C. & D.*, October 21, 1939, p. 388) except that the part of the Bill dealing with the formation of a Wholesale and Manu-

facturing Chemists' Board, does not appear in the Act. The sections deal with incorporation and membership of the Pharmaceutical Society of New Zealand, constitution of the Pharmacy Board, rules of the Society, registration of pharmacists, disciplinary powers of the Board and appeals against its decisions, and with offences under the Act. As in the Bill, the Board consists of a barrister appointed by the Minister of Health, nine proprietor or enrolled-manager pharmacists, and two employee pharmacists. The Board is empowered to make regulations controlling the good government of the Society, prescribing the limits within which chemists may give advice or treatment, controlling sales of drugs and advertising in relation to the practice of pharmacy, etc. Pharmacists who have been disciplined by the Board are given the right of appeal.

Drug Sales Restricted

The Act restricts the sale of many drugs to chemists by making it an offence for unauthorised persons to sell any drug except those included in a Schedule appended to the Act. Specific exemptions are, however, made to this provision so as not to penalise the following persons acting "in the ordinary course of their profession, business or employment": Medical practitioners; nurses; dentists; veterinary surgeons; wholesale dealers in drugs; school teachers authorised to sell or dispose of drugs to natives; and medical herbalists in business when the Act came into force, provided they carry on the business personally at one address only (as notified to the Registrar). Persons employed in a pharmacy are given the same powers of selling drugs as the proprietor, if the sale is effected "in the course of their employment." The Scheduled articles are:—

PART I.—Acetic acid; acetone; almond oil; alum; ammoniated quinine; acetylsalicylic acid tablets; beeswax; benzene; bluestone; borax; boric acid; camphor; camphorated oil; capsicum; carbonate of ammonia; carbonate of soda (commercial); carron oil; cascara; castor oil; caustic soda; citric acid; chloride of ammonia (commercial); chloride of lime; cloudy ammonia; cod liver oil and emulsion; coconut oil; commercial chalk (whiting); court plaster; dyestuffs; distilled water; Epsom salts; eucalyptus oil; french chalk; friar's balsam; Glauber's salt; glycerin; gum acacia; iodine, weak tincture of; lanolin; lime (commercial); lime-water; linseed cake; linseed and linseed meal; linseed oil; liquorice; liquorice powder; magnesia (all forms except milk of magnesia); malt extract; malt and cod liver oil; methylated spirits; milk sugar; naphtha (mineral); olive oil; boric, sulphur, and zinc ointments; packed herbs (uncompounded); paraffin oil; petroleum jelly; petroleum spirit; porous plasters; pumice powder; resin; saltpetre; senna leaves; seidlitz powders; shellac; spirits of turpentine; starch; Stockholm tar; sulphur; tallow; terebene (commercial); tobacco; tonka beans; turmeric; vanilla beans; vaseline; witch-hazel.

PART II.—Agricultural, horticultural, and pastoral preparations; foodstuffs and beverages and ingredients in foodstuffs or beverages; vermin killers, insect powders, sheep dip, and weed-eradicators; disinfectants; medicated confectionery; photographic chemicals; toilet preparations; proprietary medicines (except such as may from time to time be excluded from this part of the schedule by the Minister of Industries and Commerce by notice in the "Gazette").

It is an offence for a chemist to keep or permit to be kept under his name a pharmacy that is not under the immediate supervision and control of himself or an enrolled manager; for automatic machines to be used for the supply of drugs; for a chemist or proprietor to give medical men commissions on prescriptions or to supply them with prescription pads, etc., bearing his name; or to provide direct access between the pharmacy and any premises occupied by a medical practitioner.

Prescription Pricing

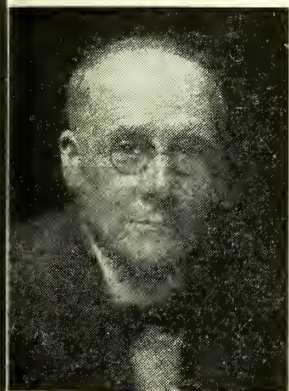
Prescription pricing has been standardised in the Dominion. A thirty-eight-page, stiff-covered, octavo booklet sets out the method to be followed and includes schedules of selling-prices of galenicals and containers, and of dispensing fees. The price to be charged is calculated by adding together the three items, except that the third schedule quotes inclusive charges for stock pills and tablets and for proprietary preparations. No discounts are allowed, except to members of approved societies (5 per cent.); medical practitioners and nurses (10 per cent.) and hospitals (10 per cent.). An additional fee of sixpence is permitted for medicines necessitating entries in the Dangerous Drugs records or containing "prescription" (barbituric) drugs; and for prescriptions dispensed after hours. The schedule of prices for drugs and galenicals gives current wholesale price and selling prices for 16-oz., 4-oz., 1-oz. and 1-dr. quantities.

COUNCIL CANDIDATES

IN the C. & D., April 20 and 27, we published statements sent in by candidates for election to the Council of the Pharmaceutical Society. The series is concluded in this issue. Members are reminded that voting papers must be received at 17 Bloomsbury Square, London, W.C.1, by 12 noon on May 15.

Mr. Herbert Skinner, Ph.C., London

Mr. Skinner was first elected to the Council in 1916, and has been the only representative of hospital pharmacy so honoured. He



MR. HERBERT SKINNER

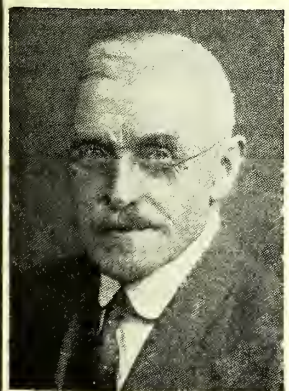
was pharmacist to the Royal Northern Hospital, Holloway, N.7. This post he relinquished last year when he was appointed consultant pharmacist to the Royal Northern Group of hospitals. His honorary secretaryship of the North London Pharmaceutical Association from 1912 until 1938 is evidence of his keen interest in retail pharmacy. His name is also identified with National Health Insurance, for he is a member of the Middlesex Pharmaceutical Committee and chairman of the London Pharmaceutical Committee, an office which he is filling for the third time. He has held the presidency of the Pharmaceutical Society 1927-1929, and the chairmanship of the British Pharmaceutical

Conference in 1932 (Aberdeen). He was chairman of the British Pharmaceutical Codex Revision Committee which produced the 1934 Codex and he is acting in the same capacity for the current revision. Mr. Skinner has visited Canada and the United States three times in the interests of pharmacy, once during his term of presidency. He represents the professional and scientific interests of pharmacy on the Council.

Mr. Skinner writes: At the present time, when the nation requires all the energy that can be given, I wish to give practical help in the maintenance of the national pharmaceutical service, in all its branches, and the adequate supply of drugs and medicines from the viewpoint of national security. The Council has heavy responsibilities to the nation. The last nine months have provided us with many opportunities of practical usefulness but there is still much to be done. Pharmacists in the Forces, in hospitals at home and abroad, as well as in retail business, will be faced with new difficulties. I am a realist in these things and what I have been able to do for pharmacy in the past years is an indication of the assistance I can still give.

Mr. E. Saville Peck, M.A., Ph.C., Cambridge

Mr. Peck is a practising pharmacist who, after qualifying as a pharmaceutical chemist, joined his father in the old-established



MR. E. SAVILLE PECK

business opposite the Fitzwilliam Museum at Cambridge. At the same time he continued his studies, and proceeded to the B.A. and M.A. degrees at the University. He was appointed to the Board of Examiners of the Society in 1901. He acted as honorary secretary of the British Pharmaceutical Conference for eleven years, and subsequently was president of that body on two occasions. Mr. Peck was chairman of the Education Committee of the Council for several years until 1935, when he was elected president of the Society. He was elected on the Cambridge town council in 1924 and served as mayor in 1937-38 after which he was promoted to the office of alderman. Last year

he was appointed a deputy lieutenant of the County of Cambridgeshire. He has therefore a wide experience in public work.

Mr. Peck writes as follows:—

In offering myself as a candidate for the Council I do so with a full realisation of the responsibility of that office. The association of the education of the pharmacist with the universities and local educational authorities has increased the respect for the qualification of the pharmacist. I believe that the future of pharmacy lies very largely in the continued endeavour to ally itself with the scientific advance of medicine.

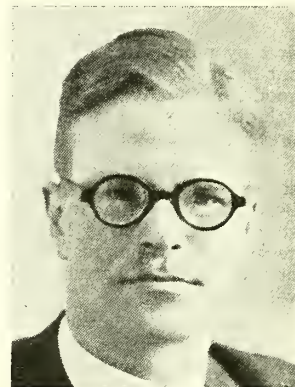
During these anxious days it is some consolation to know that the position of the serving pharmacist today is better than it was in 1914. We must however press for the appointment of officers at the War Office to act in an advisory and inspectorial capacity and so co-ordinate the work of the pharmacist in the various military hospitals and other units. I am also firmly of the opinion that there should be a pharmaceutical adviser at the Ministry of Health to assist in the organisation of the supply and distribution of medical requisites to the various hospitals and A.R.P. first-aid services. With reference to the controversy with the co-operative societies in relation to the Sections 8, 9, 10 of the 1933 Act, I hold strongly to the view that if co-operative societies desire to function as chemists they should subject themselves to the same provisions of the Act as applied to all other chemists and employ qualified men in the sale of drugs. I consider that the Council should be representative of all sections of pharmacists. If elected I shall endeavour to further the interest of the practising pharmacist and render all possible service to our members in the many problems which are continually arising.

Mr. B. A. Williams, Bexley, Kent

Mr. B. A. Williams is again standing as an employees' candidate with the support of the Association of Pharmaceutical Employees.

Mr. Williams was educated at Bristol Grammar School, apprenticed with Boots, Ltd., Clifton, Bristol, and studied at Bristol College of Pharmacy. After passing the Chemist and Druggist examination in 1933, he rejoined Boots, Ltd., working at a number of their branches in the London area and the South.

Mr. Williams, in his election address, writes: The support which I received last year from 4,387 pharmacists has encouraged me to go forward to justify the confidence that was placed in me. It has confirmed my statement last year that all pharmacists are now realising the importance of having the employee pharmacist represented on the Council. War-time has not improved the condition of pharmacy; more and more pharmacists are being squeezed out of business and forced to seek employment. The monopoly influence of the chain store is being consolidated, the type of organisation which by its very nature must consider pharmacy merely as a dividend-producing investment. Emergency war legislation already in force and in preparation closely affects the employee pharmacist. At such a time as this, employee representation is more important than ever. Both I and the A.P.E. which is supporting me have therefore strenuously opposed the suggestion of any election truce which would deprive employees of the representation to which they are entitled. Having had considerable experience both of retail and of hospital pharmacy, I feel that I am in a position to represent the rank and file of pharmacy today. Not by putting forward grandiose schemes to reorganise pharmacy overnight, but by appreciation of present-day conditions and by constructive criticism, I won the support and confidence of nearly 50 per cent. of those who voted at last year's election. Employees are in a position to secure a representative if they make full use of their numerical strength. Last year I failed by a narrow margin only. To make my election certain this year, I appeal for the votes of all who desire employee representation.



MR. B. A. WILLIAMS

WAR-TIME ECONOMIES FOR CHEMISTS

THE exacting conditions of the present time confront chemists with many difficult problems. Overhead expenses continue to rise relentlessly, yet turnover, in many instances, is decreasing. The causes vary according to type of business, and the locality, but the results are alike. In the interests of the State and of themselves, it is imperative that chemists "tighten their business belts," eliminate waste, and strive to increase profits by every proper means. Economies short of parsimony will automatically help in the maintenance of profits, and there are a number of such economies that by careful planning can be put into operation. These matters are discussed under a variety of headings below.

Corks.—In the average pharmacy there is a prodigal waste of corks. It is no exaggeration to state that in the country as a whole millions of corks are thrown away annually, yet, with little trouble, about 80 per cent. of these could easily be cleaned, dried, and used again for non-medicinal products such as oils, lysol, methylated spirit, and the like. Their salvage value, taken in the aggregate, would amount to a substantial sum, and even to the individual it would mean important saving. To consider the value to the State and, indirectly, to the safety of the nation's sailors, of the shipping space thus conserved, is to realise that this is an economy chemists should feel themselves compelled to make in the present emergency.

Paper.—A material saving may be effected by utilising all paper received with goods. Much of this can be cut up into unincreased smaller pieces suitable for customers' parcels. Used envelopes may be slit and used for telephone or other notes. Old price lists and booklets can be cut and hung up for use in weighing out dry drugs, thus effecting a saving in white demy, which has already increased over 100 per cent. in price. These economies again would vastly reduce the need for importing wood pulp, esparto grass, etc., the Scandinavian sources of which are already temporarily closed to British merchant shipping.

Twine.—Expenditure on twine may be greatly reduced, first by more careful tying of parcels so that no long ends are cut to waste, and secondly by utilising string that comes in with goods. Normally much of the latter is cut because time is more valuable than the material saved, but the reverse is true in the present abnormal circumstances.

Containers.—Now is the time when cellars, cupboards and storerooms should be overhauled to discover forgotten bottles, boxes, and tins that may be put into commission. Any user of standard tins knows how difficult it is at present to obtain supplies, and what matters it if some of the containers brought out from the cupboards are of an obsolete pattern? Customers will understand.

Goods.—Goods received should be most carefully checked, otherwise shortages may go unnoticed, resulting in loss to the retailer, or discovered late, necessitating correspondence that should have been unnecessary. Most wholesalers send with the goods a delivery note, which should be verified by the purchaser, but where there is no such note goods received should be recorded and checked over later against the invoice, when that arrives. The importance of thoroughness in this matter cannot be over-emphasised, for wholesalers are working under many difficulties and not the least is that they are short-staffed, or staffed with inexperienced workers. Errors in such conditions are likely to be more frequent than in normal times. When the invoice arrives quantities, prices, extensions and additions should all be checked up and, if any discrepancy occurs, the sender notified at once. Punctuality in business is like oil to machinery—it reduces friction; it does more—it conserves paper. Stock should be examined frequently and kept under proper storage conditions, as attention to these matters obviates waste, and often reminds the proprietor that he has stock on hand which he can dispose of in preference to something else that has to be ordered. This applies even to proprietaries that are not in great demand. In some instances these may be disposed of by "counter prescribing" in broken bulk. When such stock has been cleared it should not, of course, be replaced, but the opportunity should be seized to adopt newer and more popular preparations. It is important to know when to cease replacement, an art which is the very essence of successful shopkeeping, and one that cannot be acquired overnight, yet all chemists can make an effort to avoid "frozen" capital.

Using a Wants Book.—Memory is a "fickle jade," hence the importance of a wants book. Entries not made at once are likely to be forgotten and sales lost. Use of a wants book means that every potentially lost sale is followed up and guarded against.

Making Galenicals on the Premises.—In many instances galenicals made instead of bought will save carriage and cost, however convenient it may be to obtain supplies from the wholesaler ready-made. This, incidentally, has the advantage of giving pleasure and satisfaction to the pharmacist who takes pride in his craft. Why pay others to do what one can do for oneself? There are, of course, preparations which even in war-time can be made neither satisfactorily nor profitably in the pharmacy, but there remain many that the qualified chemist and druggist "buys in" only at the cost of profit and capital he might use more economically otherwise.

Pricing Accurately.—After considering reduction of expenditure by elimination of waste, methods of maintaining profit by application of correct costing principles may be explored. Today chemists are placed much more favourably than in the last war, as they now have the *C. & D.* Retail and Dispensing Price List on which to rely. Working with this as guide the pharmacist arrives at a correct price in a minimum of time, a statement that is true even for out-of-the-way drugs and abnormal market fluctuations. The writer cannot praise too enthusiastically its helpfulness, and regards it as *par excellence* the "chemist's friend." In pricing prescriptions no less than in general goods, it should always be borne in mind that the value of an article is the cost of replacement. To maintain the level of prices is a duty to one's *confrères* no less than to oneself, and if the principle were adhered to there would be less grumbling about the conditions of the pharmacist's remuneration. Circumstances may soon enforce an adherence to price-level maintenance that, to the detriment of the calling, has been lacking in recent years. An important aspect of this matter concerns "repeat" prescriptions. The price should be examined as if it were a new prescription and, if necessary, increased without hesitation, for it has quite likely been costed upon prices that have been superseded. The retail chemist is compelled to accept the price ruling at time of dispatch from the wholesaler. He also has to pay increased prices to other traders. Since pharmaceutical charges are by no means excessive at the best of times he cannot afford to be a philanthropist in a period of rising prices. It is well also to study market prices closely as they are pointers to retail values. Prices for sundries also require revising from time to time; at present some have advanced substantially. It may be argued that it is unwise to increase the price charged for "repeats," but, looked at from the right standpoint, this is not so. The public know quite well that prices are on the upgrade, and accept the conditions in pharmacy also. It may even be necessary soon to revise dispensing fees.

Checking Accounts.—Accounts should be carefully scrutinised, since clerical errors occur from time to time. This applies to National Health Insurance payments no less than to goods, for misunderstandings often arise necessitating an explanation which not infrequently secures increased payment. Panel chemists will find it helpful both to the Pricing Bureau and themselves to mark clearly what has been dispensed where there is any ambiguity.

Empties.—Containers should be returned at the earliest. This procedure saves payment for them, eliminates risk of breakage while in the chemist's possession, keeps floor space untrammelled, and assists the wholesaler.

Special Orders.—When articles have to be specially ordered for other than regular customers a deposit should be taken and a receipt given. This will ensure that the article is not left on the chemist's hands, as often happens—a result undesirable in times of peace and certainly to be avoided today.

Exchange List.—The suggestion has been made that chemists in an area should compile a list of drugs, patents, etc., of which they wish to be relieved. A glance down the list would tell a *confrère* that he can get something locally which otherwise he would have to order, probably in greater quantity, from a wholesale house, though his neighbour would be glad to supply. The idea is worth putting into practice.—*H.H.L.* (27/4)

TRADE NOTES

ALOIN, B.P., is advertised in this issue by J. F. Macfarlan & Co., 8 Elstree Way, Boreham Wood, Herts, and 109 Abbeyhill, Edinburgh, 8.

NIVEA WINDOW POSTER.—An attractive window poster printed in eight colours, and measuring 11½ in. by 8½ in., has been issued for Nivea Creme, drawing attention to the use of the product in sunbathing.

CUSSENS, SONS & Co., LTD., Kersal Vale, Manchester, inform us that, following the success of their Imperial Leather toilet soap they have placed on the market a companion line in the form of shaving soap.

VINOLIA, LTD., Bebington, Cheshire, are offering a trial outfit of their re-designed pink and blue pack of baby soap, cream and powder. They have also prepared a special showcard in connexion with these products and there is also available a booklet, "Hygiene of Baby."

BROMETHOL B.D.H.—A leaflet describing Bromethol B.D.H., a basal anæsthetic for injection, has been issued by The British Drug Houses, Ltd., London, N.1. Details of the indications of the product are given, together with information on the preparation and testing of solutions and a table of dosage.

CHROMATOGRAPHIC ADSORPTION ANALYSIS.—Savory & Moore, Ltd., Lawrence Road, Tottenham, London, N.15, announce that they are able to supply aluminium oxide of British manufacture, standardised for chromatographic adsorption analysis according to Brockmann, equal in every way to that formerly obtainable only from Germany.

VITAMIN E.—Roche Products, Ltd., Welwyn Garden City, have issued an eight-page brochure dealing with synthetic α -tocopherol acetate which they have introduced as a stabilised vitamin-E preparation under the name of Ephynal. The publication covers the chemistry, physiological action, therapeutics and bibliography of vitamin E.

ARTIFICIAL ESSENTIAL OILS.—A new range of synthesised oils has been introduced by W. J. Bush & Co., Ltd., Ash Grove, Hackney, London, E.8, which includes bergamot, lavender, neroli and rose. These products, it is claimed, are effective substitutes for the natural oils they represent and show a considerable saving on cost. Samples and details are available on request.

BOOTS, LTD., NEW PRODUCTS.—Details of Bromethol Boots, a 66.6 per cent. solution of tribromethyl alcohol in amylene hydrate used in basal anæsthesia, are given in a twelve-page booklet on the product issued by Boots, Ltd., Nottingham. The company has also recently introduced Synthovo brand of hexæstrol, a synthetic compound possessing powerful oestrogenic activity with a low toxicity. Details of the latter product are published in a four-page art folder available on request.

AMINOPHYLLINE, a combination of theophylline with ethylenediamine, is a recent addition to the range of products issued by Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1. The product is available for oral administration as Tabloid aminophylline (0.1 gm., in bottles of 25 and 100) and for parenteral administration as Hypoloid aminophylline in strengths of 0.5 gm., in 2 c.c. (for intramuscular injection) and 0.25 gm. in 10 c.c. (for intravenous injection), each strength in boxes of six ampoules.

Proprietary Articles Trade Association

Addition to Protected List.—*Parke, Davis & Co.*, Alophen pill (c.c.) 50, 2s. 3d., 18s. 7d. doz.

Alterations.—*E.N.T. Manufacturing Co., Ltd.*, E.N.T. lemon barley water, 9d., 6s. 9d. doz.; 2s., 18s. doz.

Parke, Davis, & Co., Cascara Evacuant, 1½ fl. oz., 2s. 3d., 18s. 7d. doz.; 4 fl. oz., 5s., 42s. 6d. doz.; 8 fl. oz., 9s., 76s. 9d. doz.; 16 fl. oz., 16s. 4d., 141s. doz.; for dispensing, 80 fl. oz., 1s. 6d. oz., 56s. 6d. each. These prices also apply in Ireland (Eire).

C. & D. RETAIL PRICE LIST

CHANGES in drugs and chemicals advanced the index by 3.7 to 119.1 for May 1 (100 in 1938). The cause is not hard to identify, in view of the changes in certain alcoholic duties and further increases in prices of mercury, camphor and a few oils. A number of changes are indicated on p. 344 and it should be noted that the alterations are calculated entirely on costs, the ratio of profit remaining the same. It is essential that the relationship of costs, selling and dispensing prices should remain uniform.

MARRIAGES

Notices for insertion in this column must be properly authenticated

DOWLING—CURRAN.—At the Church of the Three Patrons, Rathgar, Dublin, recently, Eoin C. Dowling, M.P.S.I., Dublin, to Kathleen Mary Curran.

KNOWLES—MAY.—On April 24, George Knowles, M.P.S., 305 Monument Road, Birmingham, to Florence Edith May.

MCVEIGH—HARTLEY.—At the Manse, 18 Regent Terrace, Edinburgh, on April 13, Alexander Hubert McVeigh, M.P.S. (sergeant, R.A.M.C.), to Elizabeth Marjorie Hartley.

DEATHS

BODSWORTH.—Recently, Mr. John Samuel Bodsworth, M.P.S., Salisbury Avenue, Saltney, Chester, aged thirty-eight.

HAYNES.—At Hampstead, London, N.W., on April 29, Mr. John William Haynes, aged fifty-four. Mr. Haynes, who had been manager of the publications department of the Pharmaceutical Society since 1933, was formerly advertising manager for S. Maw, Son & Sons, Ltd. He had also been assistant advertisement manager for Kodak, Ltd., advertising manager to Ross, Ltd., and publicity consultant to Watson & Sons (Electro-medical), Ltd.

HEAP.—Recently, Mr. Robert Edwin Heap, M.P.S. Mr. Heap was at one time in business at Hanley but retired a few years ago, and went to live at Thetford, Norfolk. He passed the Minor examination in 1900.

NUTTALL.—Recently, Mr. John Joseph Nuttall, M.P.S., 18 Magdalen Road, Anchorsholme, Cleveleys, Lancs, aged fifty-four.

PERSONALITIES

ALDERMAN C. A. CRITCHLEY, J.P., Ph.C., has been elected chairman of the Blackburn Assessment Committee.

MR. THOMAS D. NUTT, Ph.C., Hay, Hereford, has been appointed chairman of the local urban district council.

MR. E. J. DOBSON, M.P.S., 4 Victoria Road, Deal, mayor of the borough, has been sworn in as a justice of the peace for the county.

MR. CHARLES J. JEPHCOTT (sales manager, Glaxo Laboratories, Ltd.) is making good progress after his recent operation for appendicitis.

MR. H. CALAM (president-elect of Nottingham City Business Club) is assistant manager of the fine chemical department of Boots, Ltd. He has also been re-elected chairman of the Nottingham branch, Society of Chemical Industry.

DR. T. A. HENRY was recently the recipient of a gift from the Wellcome Foundation on the completion of his twenty-first year of service as Director of the Wellcome Chemical Research Laboratories. He is a D.Sc. of London University and began his research career as a Redwood scholar in the research laboratories of the Pharmaceutical Society, whence he moved to the scientific and technical department of the Imperial Institute, where he held a Salter's Company research fellowship and ultimately became Superintendent of Laboratories. This position was retained until 1919 when his special qualifications and experience secured for him his present post. Dr. Henry has done much original work on natural products, particularly cyanogenetic glycosides and alkaloidal drugs, while in his application of chemistry to progress in medicine he has covered a very wide range of subjects. During his directorship of the Wellcome Chemical Research Laboratories he has given considerable attention to the chemotherapy of tropical diseases, including hook worm, leprosy, kala-azar and malaria. This has involved investigations on the chemistry of organo-metallic compounds of arsenic, antimony and mercury and has led, among other things, to a thorough examination of the long-known substances apoquinine, apoquinidine, niquidine and niquine and to the elucidation of their chemical constitution. Recently the laboratories under his direction have been occupied in exploring the relationship of chemical structure and bactericidal action in the new group of drugs starting from sulphanilamide. In 1927 Dr. Henry was awarded the Hanbury Medal, which is given periodically by a Committee including the presidents of the Chemical, Linnean and Pharmaceutical Societies for "high excellence in the prosecution or promotion of original research in chemistry and natural history of drugs." He is the author of the well-known textbook on the "Plant Alkaloids" of which a third edition was issued last year.



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TRADE-MARK APPLICATIONS

(From "The Trade Marks Journal," April 10, 1940)

SCHEDULE IV

- "ABUNDA" for fertilisers (1). By G. H. Richards, Ltd., 234 Borough High Street, London, S.E.1. 610,739.
- "THE SAFETY PERMANENT WAVING SACHET" (design) (words "The Safety" claimed), for sachets for use in hair waving (3). By S. Weinfeld, 2 Kensal Place, London, W.10. 610,309.
- "CAPRICCIO" for toilet lotions, etc. (3). By W. Carsch, 54 Lindsay Drive, Kenton, Middlesex. 610,217.
- "BRONKS" for medicated sweetmeats (5). By Fryer & Co. (Nelson), Ltd., Chapel Street, Nelson, Lancs. 604,934.
- "EPHIA" for medicinal and pharmaceutical preparations (5). By E. P. Jones (Preston), Ltd., 123 Fishergate, Preston. 609,228.
- "DAP" for insecticides and fungicides (5). By G. Monro, Ltd., 4 Tavistock Street, Covent Garden Market, London, W.C.2. 609,937.
- "DRYFOR" for pharmaceutical preparations (5). By Dryfor Medical Products, 108 George Street, Aberdeen. 610,249.
- "RHEUMIEF" for medicated preparations (5). By The Health Centre, Woolley Road, Matlock. 610,302.
- "ZINCOPAX" for pharmaceutical and veterinary preparations (5). By The Wellcome Foundation, Ltd., 67 Holborn Viaduct, London, E.C.1. 610,300.
- "SYMPATONE" for medicinal and pharmaceutical preparations (5). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 610,692.
- "HYGISAN" for surgical and medical instruments, etc. (10). By The Hygienic Stores Ltd., 95 Charing Cross Road, London, W.C.2. 609,599.
- "KERFER" for rubber surgical appliances (10). By General Latex, Ltd., 93 Park Lane, London, W.1. 610,893.

(From "The Trade Marks Journal," April 17, 1940)

SCHEDULE IV

- "MELLITOL" for industrial chemicals excluding photographic chemicals (1). By Evode Chemical Works, Ltd., 1 Glover Street, Stafford. 610,470.
- "PORTITE" for industrial chemicals (1). By Evode Chemical Works, Ltd., 1 Glover Street, Stafford. 610,471.
- "FLAVIQUIN" or industrial chemicals (1). By British Dyestuffs Corporation, Ltd., Wexham Road, Slough. 610,690.
- "EVOVE PROTECTION" on design of house attacked by fire and water (word "protection" disclaimed); for industrial chemicals (1). By Evode Chemical Works, Ltd., 1 Glover Street, Stafford. 610,801. (Associated.)
- "KEMBRILL" for brilliantine cream (3). By Kempac, Ltd., Bradford Road West, Batley. 610,605. (Associated.)
- "LANDO TRADE MARK" on design (word "Lando" and letters "L.A.N.D.O." disclaimed); for soaps (3). By T. R. Roberts, Glanmor Terrace, Burry Port, Carmarthens. 610,779.
- "GRAVOMIN" for pharmaceutical preparations (4). By Clinical Products, Ltd., 5-11 Theobald's Road, London, W.C.1. 609,288.
- "FARMERCINE" on device showing insects and the words "Drives out and kills" (insect devices disclaimed); for insecticides (5). By The Hygienic Chemical Co., Ltd., Gray's Inn Road, London, W.C.1. 608,959. (Associated.)
- "GYNNIN" for medicinal and pharmaceutical preparations (5). By British Dyestuffs Corporation, Ltd., Millbank, London, S.W.1. 609,646.
- "DEROBIN" for pharmaceutical preparations (5). By Glaxo Laboratories, Ltd., Greenford, Middlesex. 610,436.
- "FYGRAN" for insecticides (5). By I.C.I. (Fertiliser & Synthetic Products), Ltd., Millbank, London, S.W.1. 610,536.
- "HEPTA" for disinfectants (5). By B. J. Ellis, Epsom Road, Leyton, London, E.10. 610,672. (Associated.)
- "REBOMA" for medicinal, pharmaceutical, veterinary and sanitary preparations (5). By Hough, Hoseason & Co. Ltd., Bridge Street, Manchester. 610,703.
- "SEDATUSSIN" for pharmaceutical substances (5). By Eli Lilly & Co., 740 South Alabama Street, Indianapolis, Indiana, U.S.A. 610,813.
- "OPTAX" for photographic apparatus (9). By Société Lumière, 25 rue du 4 Septembre, Paris. 609,625.

CONVERSION OF SPECIFICATIONS

(Section 36 (3) and Rules 6 to 8.) To Schedule IV (with amalgamation): 214,887 (3). Soaps, etc. 215,648 (3). Soaps, toilet preparations, etc. 216,774 (3). Soap, toilet preparations, etc. By T. Hedley & Co., Ltd., Collingwood Street, Newcastle-on-Tyne.

THE CHEMIST AND DRUGGIST

VOL. CXXXII

May 4, 1940

NO. 3143

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Essential Oils Imports

News of the issue by the Board of Trade, at the request of the Ministry of Food, of Notice to Importers, No. 61, advising the trade that an open general licence had been issued in respect of imports of "essential oils natural or synthetic and mixtures thereof, including terpeneless oils" from any part of the British Empire except Hong Kong, Palestine and Transjordan (see p. 333) has been received with satisfaction by importers and consumers of these products. A similar open general licence has been issued by the Department permitting unrestricted importation of the same classes of products consigned from France and her Colonial Empire. Prohibition, except under Licence, of imports of essential oils under the group "oils, fats and greases other than those wholly or mainly of mineral origin" (Notice to Importers, No. 52) came as a complete surprise to the trade some weeks ago. Although it was assumed in many quarters that the Ministry of Food had not intended their inclusion, the correctness of customs interpretation could not be challenged. Trading and consuming interests lost no time in making representations to the authorities, and their efforts have resulted in partly clearing up a position of uncertainty that had dislocated business in essential oils for some weeks past.

The average annual total value of imports of essential oils from all sources is £1,000,000, of which goods to the value of about £200,000 are re-exported out of bond. The net annual value of imports is therefore in the region of £800,000, of which it is estimated by the trade that the value of Empire and French oils is not less than £408,000. Thus the annual imports of oils which remain liable to prohibition, except under licence, total about £400,000, composed chiefly of American, Italian, Spanish, and Eastern products. The quantity and range of natural essential oils produced in this country is such that this factor is hardly likely to have been taken into account by the authorities when deciding to maintain the restriction on imports from sources outside the British and French Empires. More likely it was based on considerations of currency and freight space and that this class of goods was ruled to be non-essential under the present emergency conditions. A point—and it is one of first importance today—that may not have been fully appreciated by the Department, is that from 50 to 60 per cent. of the retained im-

ports of essential oils are, in one form or another, ultimately re-exported. That is the estimate of one of the largest consumers in the country. These oils enter into the manufacture of a very wide range of goods saleable in overseas markets. It is vital that, when a manufacturer receives an inquiry from abroad, he should be able to secure supplies of these oils quickly from stocks held in this country and at a definite figure. If his supplier, the importer, has first to apply for an import licence and then order the goods forward, the prospect of securing the export order is practically *nil*. Germany was the world's leading exporter of many ranges of goods of which essential oils were more or less important ingredients, particularly lines in cheap perfumes, cosmetics, etc. Our manufacturers have the opportunity to capture this trade and it seems rather a pity they may be handicapped through a restriction on imports the total value of which is comparatively negligible.

N.P.U. and Market Research

It is not altogether surprising that at the present time the Executive of the National Pharmaceutical Union at their meeting last week (see p. 337) decided to advise their members they had refused to co-operate with an organisation recently set up in this country for the purpose of compiling a drug index, "their opposition to American 'Market Research' methods not being changed by any information placed before them regarding the purpose for which these inquiries are instituted." Those pharmacists who have been approached will be acquainted with the scope of the investigations into their business activities which the research organisation proposed to make. The information called for was fairly extensive and, if furnished, laid bare some of the salient features and scope of the retailer's business. The details of trade, etc., thus obtained from selected retail establishments was to be collated to form the basis of reports on business and prospects in towns and districts. Such reports were to be put at the disposal of subscribers to the research organisation. A list of subscribers was not divulged, but it would appear that the scheme, the genuineness of which is not questioned, might chiefly be of interest to manufacturers and wholesale distributors. The value of reports on the many aspects of retail sales in a given district is somewhat restricted at the present time in view of the temporary movements of some millions of the population.

Partnership Debts in War-time

THERE is an important distinction in law between a partnership and a company. The latter is quite distinct from its members, while in the case of a partnership each partner is sufficiently identified with the partnership so as to render him liable to make good its losses out of his own private resources where the partnership funds are insufficient for this purpose. This distinction has been recently applied by the Court of Appeal in an important case (*Landau v. Huberman*), under the Courts (Emergency Powers) Act, 1939. Where a business carried on in partnership is unable to meet its liabilities, it will not be entitled to relief under the Act merely by showing that the business itself has been affected by the war. The Court of Appeal has held that it must also be established that each partner is unable to pay the debts out of his own private resources, and that his inability to pay is likewise due to the war. A mere statement by the partners even though sworn to will be insufficient. A complete investigation of private affairs by the production of documents will be necessary.

C. & D. RETAIL AND DISPENSING PRICE LIST

THE following alterations in prices since issue of the quarterly list should be noted.

Cost		Drugs & Chemicals	Selling Price			
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
		Ac—Ex				
30	oz.	Acetannin	—	—	4 5	0 8
48	lb.	Acid. hypophosphoros. dilutum	—	2 0	0 7	0 1
39	lb.	Aconitum S.I. (4) ..	—	1 5	0 6	0 1
52	lb.	Aconitum pulv. S.I. (4) ..	—	2 0	0 7	—
18	lb.	Adeps lanæ	2 3	0 8	0 3	—
17	lb.	Adeps lanæ hydrosus ..	2 2	0 8	0 3	—
348	pt.	Alcohol 90% sine rebate ..	—	10 4	3 0	0 6
369	pt.	Alcohol 95% s.r. ..	—	11 0	3 2	0 6
414	lb.	Alcohol dehydrat. ..	—	—	4 0	0 7
54	lb.	Aluminii chloridum (hydratum)	—	2 0	0 7	0 1
30	lb.	Aluminii sulphas ..	—	1 1	0 4	—
12	lb.	Aluminii sulphas compl. ..	1 6	0 6	—	—
52	lb.	Ammon. phosphas ..	6 6	1 11	0 7	0 1
6	lb.	Ammon. sulphas compl. ..	0 9	0 3	—	—
12	lb.	Amyli pulvis (rice) ..	1 6	0 7	0 2	—
336	lb.	Aqua rosæ conc. 1-40 ..	—	12 0	3 5	0 7
48	lb.	Arnica flores	—	1 9	0 6	—
114	lb.	Aurantii cortex Ang. ..	—	4 2	1 2	0 2
48	dr.	Benzaminæ hydrochloridum ..	—	0 4	per gr.	7 0
48	dr.	Benzaminæ lactas ..	—	0 4	7 0	—
66	dr.	Benzamin. base ..	—	0 5	9 8	—
12	oz.	Benzonaphthol ..	—	—	1 9	0 3
150	lb.	Bismuthi carbonas ..	—	5 5	1 7	0 3
25	oz.	Bismuthi oxidum ..	—	—	3 8	0 7
23	oz.	Bismuthi oxychloridum ..	—	—	3 5	0 7
16	oz.	Bismuthi subgallas ..	—	—	2 4	0 4
129	lb.	Bismuthi subnitras ..	—	4 8	1 4	0 3
36	lb.	Boldo folia	4 6	1 4	0 5	—
11	oz.	Calcii bromidum sic. ..	—	—	1 8	0 3
78	lb.	Calendulæ flores ..	—	2 10	0 10	0 2
10	oz.	Cambogia	—	—	1 6	0 3
12	oz.	Cambogiæ pulvis ..	—	—	1 9	0 3
126	lb.	Camphora (flores) ..	15 7	4 6	1 3	0 3
132	lb.	Camphora (1-oz. tab.) ..	—	—	1 4	—
138	lb.	Camphora (½-oz. tab.) ..	—	—	1 4	—
48	lb.	Canellæ cortex ..	—	1 9	0 6	—
57	lb.	Canellæ corticis pulvis ..	—	2 1	0 7	0 1
96	lb.	Cantharis Chin. S.I.(4) ..	—	3 5	1 0	—
114	lb.	Cantharis Chin. pulv. S.I.(4)	14 3	4 1	1 2	0 2
144	lb.	Cantharis Russ. S.I.(4) ..	—	5 2	1 6	—
84	lb.	Cera carnauba (grey) ..	10 6	3 10	0 10	—
43	lb.	Cera flava exot. ..	5 4	1 7	0 6	—
45	lb.	Cera flava exot. (1-oz. tab.) ..	5 8	1 7	0 6	—
27	lb.	Cera Japonica ..	3 6	1 0	0 4	—
26	lb.	Ceresina compl. alba ..	3 3	1 0	0 4	—
24	lb.	Ceresina compl. flava ..	3 0	0 11	0 3	—
90	oz.	Cholesterol	—	—	13 0	1 11
30	oz.	Chrysarobinum ..	—	—	4 5	0 8
75	oz.	Cinchonina	—	—	1 7	—
54	oz.	Cinchoninæ sulphas ..	—	—	1 2	—
36	oz.	Cinchophenum R only ..	—	—	5 3	0 9
93	dr.	Codeina .. D.D.	per	gr.	0 4	13 2
81	dr.	Codeinæ phosphas D.D.	per	gr.	0 4	11 9
87	dr.	Codeinæ sulphas D.D.	per	gr.	0 4	12 7
58	lb.	Colch. sem. pulvis ..	—	—	—	—
96	lb.	Creosotum .. P.I.(8) ..	—	2 2	0 5	0 1
126	lb.	Elixir aromaticum ..	—	3 6	1 0	0 2
54	dr.	Ephedrina alk. P.I.(8) ..	per	gr.	4 5	1 3
39	dr.	Ephedrinæ hydrochlor P.I.(8)	per	gr.	0 3	5 9
39	dr.	Ephedrine sulphas ..	per	gr.	0 3	5 9
54	oz.	Ext. ipecac. liq. ..	—	—	8 2	1 2
20	lb.	Ext. malti ferrat. wgt.	2 8	0 9	—	—
Cost		Fo—Va	Selling Price			
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
16	oz.	Formamol	—	—	2 4	0 4
46	lb.	Glyc. pepsini	—	1 10	0 7	0 1
30	lb.	Granati cortex ..	—	1 2	0 4	—
36	oz.	Hyd. cyanidum S.I.(4) ..	—	—	5 3	0 9
39	oz.	Hyd. salicylas S.I.(4) ..	—	—	5 9	0 10
24	oz.	Hyd. subchloridum ..	—	—	3 6	0 6
27	oz.	Hyd. subchl. præc. subtil.	—	—	4 0	0 7
342	lb.	Hyd. subsulphas flavus ..	—	12 3	3 6	0 6
324	lb.	Hydrargyrum	—	11 8	3 4	—
50	oz.	Ipecac. pulverata ..	—	—	7 4	1 2
600	lb.	Ipecac. pulverata ..	—	20 6	6 0	—
38	oz.	Jalapæ resinæ pulvis ..	—	—	5 7	0 10
21	lb.	Lactosum	2 8	0 10	0 3	—
44	lb.	Lavandulæ flores Gall. opt.	5 6	1 7	0 6	—
36	lb.	Lavandulæ flores Gall. sec.	4 6	1 4	0 5	—
9	lb.	Lini semina contusa ..	1 2	0 5	—	—
48	lb.	Lin. camphoræ ..	6 0	1 9	0 6	—
84	lb.	Lin. hydrargyri ..	—	6 6	2 0	0 4
114	lb.	Liq. bromidi co. B.P.C. S.I. (5)	—	4 3	1 2	0 2
120	lb.	Liq. cocci. cact. B.P.C. ..	—	4 3	1 2	—
27	lb.	Mucilago acaciæ ..	4 0	1 2	0 5	—
96	lb.	Ol. anisi	—	3 5	1 0	0 2
27	lb.	Ol. carbolisat. 5% P.II. (9)	3 6	1 0	0 4	—
22	lb.	Ol. carbol. (vet.) 5% P.II. (9)	2 9	0 10	—	—
35	oz.	Ol. hippoglossi ..	—	—	5 2	0 9
35	oz.	Ol. limonis	—	—	5 2	0 9
32	oz.	Ol. limonis (Messina) ..	—	—	4 8	0 8
36	oz.	Ol. menthæ vir. exot. ..	—	—	5 3	0 9
192	gal.	Ol. morrhue (Newfd.) ..	2 9	0 10	0 3	—
192	gal.	Ol. olivæ Pool ..	2 9	0 10	0 3	—
108	gal.	Ol. rapii	1 6	0 6	0 2	—
40	oz.	Opium Turc. .. D.D.	—	—	6 0	0 11
42	oz.	Opium pulv. .. D.D.	—	—	6 4	1 0
14	lb.	Paraffinum durum ..	1 9	0 7	0 3	—
20	oz.	Pasta bismuthi et iodo- formi	—	—	3 0	0 6
26	oz.	Pepsinum porci ..	—	—	3 9	0 7
26	oz.	Pepsin. (scale) ..	—	—	3 9	0 7
39	lb.	Phenol cryst. P.I. (8) ..	5 0	1 5	0 5	0 1
24	lb.	Phenol liquefact. P.I. (9)	—	1 0	0 4	—
24	lb.	Potassa sulphurata ..	3 0	0 11	0 4	—
38	lb.	Potassii acetat gran. ..	4 9	1 5	0 5	—
42	lb.	Potassii oxalas neut. P.II. (8)	—	1 6	0 6	0 1
84	lb.	Potassii phosphas ..	10 6	3 0	0 10	0 2
24	lb.	Pulv. cretæ aromaticus ..	—	0 11	0 4	—
45	lb.	Rouge, jewellers' ..	5 9	1 8	0 6	—
78	dr.	Santoninum	per	gr.	0 5	11 4
26	lb.	Sodii acetat pur. cryst.	3 3	1 0	0 4	—
23	lb.	Sodii et potass. tart. pulv.	3 0	0 11	0 4	—
51	lb.	Sodii sulphocarboulatis pulv.	—	1 10	0 7	0 1
36	oz.	Sodii taurocholas ..	—	—	5 3	0 9
42	oz.	Spt. cinnamomi ..	—	—	5 10	0 10
42	oz.	Spt. menthæ pip. Ang. ..	—	—	5 10	0 10
38	oz.	Spt. menthæ pip. exot. ..	—	—	5 7	0 10
36	oz.	Spt. rosmarini exot. ..	—	—	5 3	0 9
36	lb.	Succus glycyrrhizæ (block)	4 6	1 4	0 5	0 1
60	lb.	Succus glycyrrhizæ (Solazzi)	—	2 2	0 8	—
372	lb.	Tr. aurantii	—	13 0	3 8	0 7
22	oz.	Tr. limonis	—	—	3 3	0 6
35	oz.	Tr. quinina B.P.C. ..	—	—	5 2	0 9
162	oz.	Validol	—	—	—	3 0
23	10	Valyl perles	Ten	2 6	—	—

COMMERCIAL NOTES

Balsam of Peru Exports from Salvador.—Exports of balsam of Peru from El Salvador during 1939 totalled 73,404 kilos, valued at \$100,543, compared with 68,234 kilos, valued at \$81,958, in the previous year. Exports to Great Britain totalled 5,527 kilos, valued at \$4,998 against 3,358 kilos, valued at \$4,229.

Canadian Vanillin Imports.—Imports of vanillin into Canada during the year ended March 1939 declined to 7,000 lb., compared with 16,765 lb. in the corresponding period of 1938. The chief sources were as follows:—

Country of origin	Year ended March 1938		Year ended March 1939	
	lb.	\$	lb.	\$
United Kingdom ..	10,790	31,175	3,703	11,313
United States ..	761	2,409	1,072	2,462
France ..	4,664	8,512	1,922	4,447

German Trade with Venezuela.—During 1937 Germany carried on considerable export trade to Venezuela. Among the principal items exported into that country from Germany were the following (in millions):—

Pharmaceutical preparations (not specified) ..	889,212
Perfumed cosmetics, ointments and lotions ..	11,362
Acids (various) ..	76,433
Caustic soda and potash ..	2,530
Epsom or Glauber's salts ..	11,176
Cream of tartar ..	11,196
Potassium nitrate ..	35,137
Synthetic essences ..	200,080
Biological products ..	38,815
Arsenicals ..	16,390
Quinine and salts ..	71,744
Disinfectants ..	46,561
Sanitary articles ..	175,109

Imports into the Sudan.—Imports of chemical and medicinal products into the Anglo-Egyptian Sudan during 1938 were valued at £46,726, compared with £29,656 for the previous year.

U.S.A. Rotenone-bearing Roots Imports.—Imports of rotenone-bearing roots into the United States, for use largely in the preparation of agricultural insecticides, during the first nine months of 1939 show an exceptional increase in receipts of derris root from British Malaya and of crude cube from Peru. Entries of ground timbo root from Brazil show a sharp decline from the volume reported for 1938. Figures for 1937 and 1938 and the first nine months of 1939 were as follows:—

Item and country of shipment	1937		1938		First nine months 1939	
	lb.	\$	lb.	\$	lb.	\$
DERRIS ROOT:						
British Malaya ..	401,975	72,613	58,935	68,279	1,235,349	132,622
Philippine Islands ..	110,528	14,046	23,391	3,263	155,947	14,398
British India ..	—	—	—	—	10,972	996
Dutch Indies ..	57,524	10,609	136,235	21,615	149,573	20,398
French Indo-China ..	—	—	—	—	33,069	3,968
Other British Indies ..	314	63	—	—	—	—
United Kingdom ..	2,257	449	—	—	—	—
Panama ..	54	11	—	—	—	—
Total ..	572,652	97,791	742,661	93,157	1,575,910	172,312
CUBE, TIMBO OR BARBASCO, ROOT:						
Brazil ..	197,892	16,677	58,979	2,879	123,713	7,452
Peru ..	378,259	37,487	476,760	32,777	1,130,136	87,687
Venezuela ..	—	—	55,115	8,167	58,133	8,499
Total ..	576,151	54,164	590,854	43,823	1,312,012	103,638
DERRIS, CUBE, TIMBO OR BARBASCO, GROUND (DUTTABLE):						
Brazil ..	1,263,773	190,844	1,733,755	245,391	722,903	94,290
Dutch Indies ..	—	—	—	—	18,032	5,095
Philippine Islands ..	—	—	—	—	33,171	2,775
United Kingdom ..	—	—	2,240	828	6,720	2,154
Total ..	1,263,773	190,844	1,735,995	246,219	780,826	104,314

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	lb.	\$	lb.	\$	lb.	\$
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Total ..	1,263,773	190,844	1,735,995	246,219	780,826	104,314

Payments for Imports, Costa Rica.—In accordance with Executive Law No. 3, dated February 6, foreign currencies accruing in Costa Rica, as shown by the daily returns of the local banks to the Costa Rican Export Control Board, are to be devoted to the payment of imports of prime necessity in a prescribed sequence, which gives fourth place to drugs, vaccines and serums, plain or medicated cotton, bandages, ligatures, instruments and apparatus exclusively for medical, surgical, optical, orthopaedic, pharmaceutical or laboratory use; medicines recommended by the Ministry of Health; and products imported free of Customs duty as recommended by the same Ministry.

German Synthetic Phenol Output.—Production of synthetic phenol in Germany by the Raschig method increased from around 800 metric tons in 1935 to around 1,500 tons in 1938. The following table compares Germany's foreign trade in phenol and cresol in the years 1933-38, and in the first seven months of 1938 and 1939 (the latter being the latest period for which official statistical data are available) and the corresponding period of 1938:—

Year	Imports		Exports	
	Metric Tons	Marks	Metric Tons	Marks
1933 ..	2,161	1,741,000	394	378,000
1934 ..	1,248	841,000	338	348,000
1935 ..	1,607	974,000	741	438,000
1936 ..	1,026	691,000	969	567,000
1937 ..	1,623	1,376,000	436	333,000
1938 ..	695	573,000	375	312,000
1938 (seven months) ..	595	508,000	96	100,000
1939 (seven months) ..	95	78,000	761	511,000

Cost of Drugs in Canada.—It has been estimated that \$50,000,000 is spent annually in Canada on drugs. This sum is made up as follows:—Doctors' prescriptions, \$12,000,000; patent medicines, \$33,000,000; and sundries, \$5,000,000.

U.S.A. Santonin Imports.—The following table shows imports of santonin into the United States during the past ten years:—

Year	lb.	\$	Year	lb.	\$
1930 ..	273	32,000	1935 ..	1,118	27,044
1931 ..	714	69,500	1936 ..	1,489	34,733
1932 ..	261	15,400	1937 ..	2,012	36,738
1933 ..	1,834	88,700	1938 ..	771	14,829
1934 ..	1,177	44,000	1939 ..	3,048	59,737

Bermuda Perfume Imports.—During 1939 Bermuda imported perfumes to the value of \$140,000. The principal suppliers were France, \$71,300 and the United States, \$50,200.

Dutch Toilet Goods Imports.—Imports of toilet goods into Holland during 1939 were as follows:—

Country of Shipment	Dentifrices	Toilet Creams	Perfumes and Cosmetics
	Tons	Tons	Tons
Great Britain ..	42	31	173
United States ..	83	31	74
Germany ..	37	39	84
France ..	9	39	148
Switzerland ..	—	2	—
Belgium and Luxembourg ..	—	—	13
Sweden ..	—	—	2
Other countries ..	4	—	—

U.S.A. Imports of Beeswax from Cuba.—Imports of beeswax from Cuba into the United States during 1939 totalled 635,938 lb., valued at \$119,111, compared with 397,650 lb., valued at \$78,241 in the previous year.

German Medicinal Herbs.—In 1939 Germany is reported to have increased the acreage devoted to the cultivation of medicinal herbs over the 1938 figure in accordance with the comparative figures given below.

Herb	1938	1939	Herb	1938	1939
Caraway ..	2552	2417	Marjoram ..	741	1089
Peppermint ..	613	782	Fennel ..	416	319
Dill ..	268	297	Coriander ..	326	293
Valerian ..	223	204	Thyme ..	105	119
Mugwort ..	296	191	Sage ..	69	80

U.S.A. Magnesium Carbonate Imports.—The following table shows imports of precipitated magnesium carbonate into the United States during the past four years. The progressive increase in imports from the United Kingdom is a notable feature (Quantities are in short tons).

Country of Shipment	1936	1937	1938	1939
Belgium ..	42	22	—	—
Germany ..	79	143	18	12
Italy ..	5	14	13	11
United Kingdom ..	251	342	438	754
Japan ..	—	—	1	—
Total ..	377	521	470	777

Ceylon Export Restrictions.—The "Ceylon Government Gazette," March 16, contains a notification that the following items are added to the list of goods contained in the Defence (Control of Exports) Regulations: Cacao, coconut shell (including charcoal), areca nuts, cardamoms, cinnamon quills, cinnamon chips, cloves, dry ginger, mace, nutmegs, pepper (whole), vanilla, other spices.

TRADE REPORT

Quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the spot prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise under the present state of emergency

28 Essex Street, W.C.2, May 1

A QUIET tone, with a fair amount of routine business, is reported in most markets. Quotations generally show little change, and the Budget appears to have had little effect on prices. The issue, early in the week, of an open general licence for importation of essential oils from Empire sources (with certain exceptions), and from France and French possessions, will go far towards clarifying a position that has recently caused some restriction of trade in these commodities; editorial comment on the subject is given on p. 343. Products in the PHARMACEUTICAL CHEMICALS markets continue to be quoted steady, and a moderate routine business is reported. BENZOIC ACID is easier on spot. GUAIACOLS are in good demand, with stocks limited. PHENACETIN is stated to be in short supply. An exceptional demand for SODIUM BENZOATE is reported. VANILLIN is stated to be scarce.

Crude Drugs

A fairly good home business is reported in crude drugs, but the export side remains dull. Spot stocks of BALSAMS are still limited. Fair inquiry has been received for JAPANESE CAMPHOR, with little left on spot. It is reported that supplies of BB commercial grade are small, and that nothing will be available until the May-June shipment; no definite price is available. A price is indicated for 1940 CASCARA SAGRADA peel. Some activity is reported in CLOVES, with prices slightly easier. The outlook for NORWEGIAN COD LIVER OIL is unchanged; spot supplies are extremely scarce, with nothing coming forward. ERGOT is reported still scarce on spot. IPECACUANHA continues firm. A good demand is reported for CHINESE MENTHOL, but Japanese remains neglected. PIMENTO is quieter. RHUBARB continues firm, with only small stocks of good-quality rough-round on spot. RUBBER closed quiet, with only a small business passing. More inquiry is reported for SENEGA. Supplies of Alexandrian SENNA PODS have been cleared, and prices are nominal; Tinnevely pods are slightly dearer on spot. CARNAUBA WAX is dearer.

Essential Oils

The past week has seen little change in the generally quiet conditions that have prevailed for some time. The issue of an open general licence (see above) for import of essential oils from British and French Empire sources will facilitate business. EXPRESSED ALMOND is quoted slightly cheaper. There has been more demand for ANISE (STAR). A firmer tendency is noted for CARAWAY. CASSIA is firm, with supplies limited. Good quality BOURBON GERANIUM is firm on spot. LEMON is quoted dearer for shipment. From the price now quoted for flowers, the value of NEROLI will be greatly in excess of that ruling last year. Singapore and Seychelles PATCHOULI are both in short supply. The good demand for Japanese PEPPERMINT continues; more business is reported in Chinese.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	April 25	May 1
Amsterdam ..	Fls. to £	12.107	7.55*	7.55*
Brussels ..	Belgas to £	nominal	23.92*	23.82*
Buenos Aires ..	Paper pesos to £	—	17.17*	17.17*
Copenhagen ..	Kr. to £	18.159	—	—
Lisbon ..	Esc. to £	110	103	103½
Madrid ..	Ptas. to £	25.24½	38.25	38.75
Milan ..	Lire to £	92.46	69½	69½
Montreal ..	Dols. to £	4.86½	4.45*	4.45*
New York ..	Dols. to £	nominal	4.03*	4.03*
Oslo ..	Kr. to £	18.159	—	—
Paris ..	Fr. to £	124.21	176½*	176½*
Shanghai ..	Per dollar	—	44d.	44d.
Stockholm ..	Kr. to £	18.150	16.90*	16.90*
Yokohama ..	Per yen	25.	1s. 4½d.	1s. 4d.
Zurich ..	Frs. to £	22.2115	17.90*	17.90*

* Rate fixed by Bank of England.

Bank rate, 2 per cent.

Pharmaceutical Chemicals, etc.

CONDITIONS continue fairly steady, and all recent advances are maintained. Benzoic acid is reported slightly easier. Guaiacols are in good demand. Salol continues firm. Vanillin is reported scarce.

ACETANILIDE.—Limited spot inquiry; prices steady and unchanged. B.P., leviss., from 2s. 3d. to 2s. 6d. per lb., as to quantity.

AMIDOPYRINE.—Dealers' quotations unchanged; market firm. One cwt., 18s. per lb.; smaller quantities, up to 20s. per lb. for crystals, with powder 3d. per lb. extra.

AMMONIUM ICHTHIUSULPHONATE.—Remains quiet; quoted unchanged. One-cwt. lots, in 1-lb. tins, 3s. 3d.; smaller lots, 3s. 6d.; in 14-lb. tins, one cwt., 2s. 9d.; smaller lots, 3s. per lb., ex store.

ASPIRIN.—No change in makers' scales of prices, as follows:—

Quantity	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb. ..	s. d. 3 10½	s. d. 3 9	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb. ..	3 9½	3 8	3 7½	—	—	—
7 lb. and under 14 lb. ..	3 8½	3 7	3 6½	3 6½	—	—
14 lb. and under 28 lb. ..	3 7½	3 6	3 5½	3 5½	3 5	—
28 lb. and under 1 cwt. ..	3 6½	3 5	3 4½	3 4½	3 4	3 3½
Not less than 1 cwt. ..	2 11½	2 10	2 9½	2 9½	2 9*	2 8½
" " " 5 cwt. ..	2 11	2 9½	2 9½	2 8½	2 8½*	2 8
" " " 10 cwt. ..	2 10	2 8½	2 8½	2 7½	2 7½*	2 7

* 8 x 14 lb. and upwards in one delivery, ½d. per lb. less.

Sale is subject to an undertaking on part of buyer not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if he converts the aspirin into tablets, not to sell any quantity of tablets at prices or terms below the scale for such quantity current at time of sale.

BARBITONE.—Occasional business reported; prices quoted unchanged, as follows: One cwt., 22s. per lb.; 28 lb., 23s.; smaller quantities, up to 26s., ex store.

BENZOIC ACID (B.P.).—Reported slightly easier on spot; limited inquiry. Makers quote from 1s. 10½d. to 2s. 3d. per lb. for forward delivery.

BISMUTH SALTS.—Makers recently issued a revised scale of sales prices for these salts, as follows:—

	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
Carbonate ..	s. d. 11 3	s. d. 10 9	s. d. 10 0	s. d. 8 7	s. d. 8 4
Citrate ..	13 4	12 10	12 1	10 4	10 1
Nitrate, cryst. ..	7 7	7 1	6 4	5 7	5 4
Oxide ..	15 4	14 10	14 1	12 0	11 9
Salicylate ..	11 9	11 3	10 6	9 0	8 9
Subchloride ..	14 11	14 5	13 8	11 8	11 5
Subgallate ..	11 5	10 11	10 2	8 9	8 6
Subnitrate ..	9 7	9 1	8 4	7 3	7 0

Contracts booked for 1 cwt. and upwards for delivery over three months are subject to rise-and-fall clause. Rebate of 3d. per lb. allowed on sales of not less than 2 cwt., provided delivery is completed within three months. All deliveries ex contract are sold on net-cash fourteen days terms.

BORAX (B.P.).—Steady at makers' prices. Granulated, £28 10s.; crystals, £29 10s.; powder, £30 per ton, in 1-cwt. bags, carriage paid in Great Britain, in minimum one-ton lots. Commercial quality, £8 per ton less.

BROMIDES.—Makers' scales of prices steady, as follows: POTASSIUM (B.P.), not less than 5 cwt., 2s. 2d. per lb.; 1 cwt., 2s. 3d.; 28 lb., 2s. 9½d. SODIUM (B.P.) not less than 5 cwt., 2s. 4½d. per lb.; 1 cwt., 2s. 5½d.; 28 lb., 3s. AMMONIUM (B.P.C.), not less than 5 cwt., 2s. 5½d. per lb.; 1 cwt., 2s. 6½d.; 28 lb., 3s. 1d. Net. Rise-and-fall and re-sale clauses apply. Without engagement. Special prices for larger quantities. 28-lb. parcels and 1-cwt. cases or kegs free.

CAFFEINE.—No change in Dutch shippers' quotations, as follows: PURE, less than 56 lb., 2 dollars 55 cents per lb.; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; and 2 cwt., 2 dollars 40 cents. CITRATE, less than 56 lb., 1 dollar 63 cents per lb.; 56 lb., 1 dollar 61 cents; 1 cwt., 1 dollar 58 cents; 2 cwt., 1 dollar 56 cents, f.o.b. Amsterdam or Rotterdam. PURE, on spot, would be worth not less than 20s. per lb., if available.

CALCIUM LACTATE.—Makers continue to quote up to 1s. 8d. per lb. for small quantities.

CITRATES.—Makers' scales of re-sale prices unchanged, as follows:—

POTASSIUM, B.P.	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. ..	s. d. 3 0	s. d. 2 10½	s. d. —	s. d. —	s. d. —	s. d. —
4 lb. and under 7 lb. ..	2 11	2 9½	2 9½	—	—	—
7 lb. and under 14 lb. ..	2 10	2 8½	2 8½	2 7½	—	—
14 lb. and under 28 lb. ..	2 9	2 7½	2 7½	2 6½	2 6½	—
28 lb. and under 1 cwt. ..	2 8	2 6½	2 6½	2 5½	2 5½	2 5

28-lb. tins charged 2s. each.

SODIUM, B.P., one penny per lb. below corresponding prices for POTASSIUM, B.P. IRON AND AMMONIUM (SCALES), B.P., threepence per lb. above corresponding prices for POTASSIUM, B.P. Prices net. All packages charged extra. It is a condition of sale that buyers undertake not to re-sell any of the products mentioned at prices below the values given, which came into operation on January 24.

CITRIC ACID (B.P. CRYSTALS).—Makers' price for home consumers continues nominal at 1s. 2d. per lb., less 5 per cent. discount. Dealers would require about 1s. 8d. per lb. for any material available.

CODEINE.—No change in makers' revised scale of prices per oz., as announced last week:—

	½ oz.	1 oz.	2 oz.	3 oz.	4 oz.	5 oz. and upwards
Alkaloid	s. d. 36 6	s. d. 34 0	s. d. 32 6	s. d. 31 9	s. d. 31 6	s. d. 28 4
Hydrochloride	32 9	30 3	28 9	28 0	27 9	25 3
Iodide	36 6	34 0	32 6	31 9	31 6	28 4
Phosphate	30 6	28 0	26 6	25 9	25 6	22 9
Sulphate	32 9	30 3	28 9	28 0	27 9	25 3

CREAM OF TARTAR (B.P.).—One maker notifies price for home trade continues nominal at 122s. per cwt., less 2½ per cent. discount, with supplies restricted to regular consumer customers.

EMETINE HYDROCHLORIDE.—No change in makers' quotations at from 95s. and 99s. per oz., as to quantity.

EPHEDRINE.—Small business passing: HYDROCHLORIDE, B.P., from 7s. 9d. to 10s. per oz., according to quantity.

ETHERS (METHYLATED).—Makers' scales of prices continue unchanged, as follows:—

Grade	W. qts. per lb.	Not less than		Drums and Carboys per lb.
		6 w. qts. per lb.	12 w. qts. per lb.	
s.g.	s. d.	s. d.	s. d.	s. d.
0750	1 3½	1 3	1 2½	1 1½
0735	1 4	1 3½	1 3	1 2
0730	1 4	1 3½	1 3	1 2
0725	1 6	1 5½	1 5	1 4
0725 triply rect.	1 10½	1 10	1 9½	1 8½
0720	1 7	1 6½	1 6	1 5
0717	2 1	2 0½	2 0	1 11
0720 B.P. not for anaesthesia	1 9	1 8½	1 8	1 7

Net prices, usual terms. Special prices for quantities and contracts, subject to rise-and-fall clause.

GALLIC ACID.—Dealers continue to quote in cwt. lots at from 3s. 9d., and smaller parcels at up to 4s. 3d. per lb., ex store.

GUAIACOL CARBONATE.—In good demand, but stocks limited. Makers and dealers quote from 12s. 6d. to 13s. per lb., ex store, as to quantity.

GUAIACOL (CRYSTALS).—Makers' prices steady at from 10s. 9d. to 11s. 6d. per lb., as to quantity. Liquid, from 10s. 6d. upwards, as to quantity. A fair demand is reported, with spot supplies limited.

HEXAMINE.—A small trade passing at steady prices: free-running crystals, about 1s. 7½d. for bulk quantities, up to 1s. 10½d. per lb. for small parcels; powder at cheaper prices.

HOMATROPINE.—Makers' scales of prices steady as follows:—

	gm.	oz.	4 oz.	16 oz.
Alkaloid	2s. 9d.	70s.	65s. 0z.	60s. 0z.
Hydrochloride	2s. 2d.	55s.	50s. 0z.	45s. 0z.
Hydrobromide	2s. 2d.	55s.	50s. 0z.	45s. 0z.
Sulphate	2s. 2d.	55s.	50s. 0z.	45s. 0z.

PACKAGES	Under 5 gm. or ¼ oz.	5 gm. to 25 gm. or ½ oz. to 1 oz.	25 gm. or 1 oz.	50 gm. or 2 oz.	100 gm. and over
Bottles, corked, each ..	3d.	3½d.	3½d.	4d.	included
Bottles, stoppered, each ..	5d.	6d.	7½d.	9d.	included
5-gr. tubes, per 100 ..	10s. 6d.				
10-gr. tubes, per 100 ..	12s. 3d.				
15-gr. tubes, per 100 ..	14s. 0d.				

LACTIC ACID (B.P.).—Limited business, with values unchanged. Quantities, in 1-cwt. carboys, 1s. 8½d. per lb.; in winchesters and bottles, 1s. 9d. to 2s. per lb., ex store, according to quantity.

MERCURY IODIDES.—Makers' prices per lb. continue unchanged as follows: RED, less than 7 lb., 17s. 4d.; not less than 7 lb., 17s.; not less than 14 lb., 16s. 6d. GREEN, less than 7 lb., 19s. 4d.; not less than 7 lb., 19s.; not less than 14 lb., 18s. 6d. YELLOW, less than 7 lb., 20s. 10d.; not less than 7 lb., 20s. 6d.; not less than 14 lb., 20s. net, carriage paid.

METHYL SULPHONAL.—Spot, in limited supply, quoted at from 40s. to 42s. 6d. per lb., ex store.

PARALDEHYDE.—Spot, in 1-cwt. carboys, 1s. 3d. to 1s. 3½d. for quantities; in winchesters, up to 1s. 10½d. per lb., ex store, for smaller quantities.

PHENACETIN.—Makers' prices for ordinary quantities continue unchanged at 3s. 6d. to 3s. 9d. per lb.; quotations are given without engagement. Little material is in dealers' hands, and prices continue firm at about 6s. 6d. upwards per lb.

PHENAZONE.—Dealers are asking from 18s. for bulk quantities up to 22s. per lb. for small parcels, ex store, with supplies limited.

PHENOLPHTHALEIN.—Market firm; no change in makers' prices. Less than 7 lb., 3s. 8d. per lb.; 7 lb., 3s. 7d.; 14 lb., 3s. 6d.; 28 lb. 3s. 5d.; one cwt., 3s. 4d.

PHENYLETHYLBARBITURIC ACID (B.P.).—Limited supplies on spot; quotations unchanged at from 33s. to 37s. per lb., in bottles.

PILOCARPINE.—Makers' prices continue unchanged:—

	oz.	4 oz.	25 oz.	100 oz.
Alkaloid	21s. 6d.	21s. 0d.	20s. 6d.	20s. 0d. oz.
Hydrochloride	16s. 6d.	16s. 0d.	15s. 6d.	15s. 0d. oz.
Nitrate	14s. 0d.	13s. 6d.	13s. 0d.	12s. 6d. oz.

PACKAGES	Under 5 gm. or ¼ oz.	5 gm. to 25 gm. or ½ oz. to 1 oz.	25 gm. or 1 oz.	50 gm. or 2 oz.	100 gm. and over
Bottles, corked, each ..	3d.	3½d.	3½d.	4d.	included
Bottles, stoppered, each ..	5d.	6d.	7½d.	9d.	included
5-gr. tubes, per 100 ..	10s. 6d.				
10-gr. tubes, per 100 ..	12s. 3d.				
15-gr. tubes, per 100 ..	14s. 0d.				

PIPERAZINE.—The price for bulk quantities would be about 75s. per lb.; small lots, in 1-oz. bottles, 5s. 6d. to 6s. per oz.

POTASSIUM PERMANGANATE.—No change in makers' scales of prices, as follows:—

Minimum one delivery of:	B.P. Quality		Technical	
	In 1-cwt. drums	In 5-cwt. drums	In 1-cwt. drums	In 5-cwt. drums
	Per lb.	Per lb.	Per cwt.	Per cwt.
	s. d.	s. d.	s. d.	s. d.
1 cwt. up	1 5½	—	161 6	—
3 cwt. up	1 5	—	157 0	—
5 cwt. up	1 4½	1 4½	154 6	152 0
1 ton up	1 4½	1 4½	152 0	149 6
4 tons up	1 4½	1 4	149 6	147 3

Terms: Net, delivered nearest railway station in Great Britain, drums extra and returnable.

QUININE SALTS.—Prices for these salts continue steady as quoted: SULPHATE, 104.90 Dutch florins; HYDROCHLORIDE, 131.25; BIHYDROCHLORIDE, 143.75; ETHYL CARBONATE, 134.50 per 100 oz., f.o.b. Holland. 100-oz. tins free; smaller packages extra. Supplies of SULPHATE in dealers' hands limited and quoted at 3s. 1d. to 3s. 2d. per oz.

RESORCIN.—No change in makers' prices: Not less than 7 lb., 7s. 3d. per lb.; not less than 14 lb., 7s.; not less than 56 lb., 6s. 10d., not less than 1 cwt., 6s. 9d. Dealers' prices for any spot material available would be about 8s. 6d. to 9s. per lb.

ROCHELLE SALTS.—Makers' prices for SODIUM AND POTASSIUM TARTRATE, B.P., are at the advance recently recorded: Powder, less than 1 cwt., 112s. 6d., less than 5 cwt., 110s.; not less than 5 cwt. in one delivery, 107s. 6d.; crystals, 2s. 6d. per cwt. extra. PULV. SEIDLITZ.—Less than 1 cwt., 88s. 9d.; less than 5 cwt., 86s. 9d.; not less than 5 cwt. in one delivery, 85s. per cwt. DOUBLE SEIDLITZ.—Less than 1 cwt., 99s.; less than 5 cwt., 96s. 9d.; not less than 5 cwt. in one delivery, 94s. 6d. per cwt., net, from fourteen days; contracts subject to rise-and-fall clause.

SACCHARIN.—The duty-paid Convention price for 550 material is firm at 98s. 4d. per lb. Business is on a fair scale. Neither wholesale nor retail prices are under Government control.

SALICYLIC ACID (B.P.).—Makers' scales of prices are as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 7½	2 6	—	—	—	—
4 lb. and under 7 lb. ..	2 6½	2 5	2 4½	—	—	—
7 lb. and under 14 lb. ..	2 5½	2 4	2 3½	2 3½	—	—
14 lb. and under 28 lb. ..	2 4½	2 3	2 2½	2 2½	2 2	—
28 lb. and under 1 cwt. ..	2 3½	2 2	2 1½	2 1½	2 1	2 0½
1 cwt. and under 5 cwt. ..	1 11½	1 10	1 9½	1 9½	1 9	1 8½
5 cwt. and under 1 ton ..	1 11	1 9½	1 9½	1 8½	1 8½	1 8
1 ton	1 10	1 8½	1 8½	1 7½	1 7½	1 7

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Sodium salicylate cannot be assorted with salicylic acid. Prices are quoted subject to an undertaking on part of buyers not to re-sell any quantities at prices or terms below scale for such quantities current at time re-sale is made.

SALOL.—Firm and unchanged at from about 5s. 9d. to 6s. per lb., as to quantity.

SODIUM BARBITONE.—Current quotations continue unchanged as follows: One cwt., 23s. per lb.; 28 lb., 24s.; smaller quantities, 27s., ex store.

SODIUM BENZOATE (B.P.).—Reported in good demand, with makers' and dealers' prices at 1s. 9d. per lb. for bulk quantities, and up to 2s. 2d. for small parcels.

SODIUM SALICYLATE (B.P.).—Makers' scales of prices are as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb. . . .	2 9	2 7½	—	—	—	—
4 lb. and under 7 lb. . .	2 8	2 6½	2 6½	—	—	—
7 lb. and under 14 lb. .	2 7	2 5½	2 5½	2 4½	—	—
14 lb. and under 28 lb. .	2 6	2 4½	2 4½	2 3½	2 3½	—
28 lb. and under 1 cwt. .	2 5	2 3½	2 3½	2 2½	2 2½	2 2
1 cwt. and under 5 cwt. .	2 0	1 10½	1 10½	1 9½	1 9½*	1 9
5 cwt. and under 1 ton .	1 11½	1 10	1 9½	1 9½	1 9*	1 8½
1 ton	1 11	1 9½	1 9½	1 8½	1 8½*	1 8

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons: other packages charged extra. Sodium salicylate cannot be assorted with salicylic acid. Prices are quoted subject to an undertaking on part of buyer not to re-sell any quantities of above product at prices or terms below scale for such quantities current at time re-sale is made.

SULPHONAL.—No change in dealers' spot price of 33s. per lb., for bulk quantities; for small parcels, up to 35s. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Makers advise their quotation, which continues nominal, is now at 1s. 6½d. per lb., less 5 per cent. discount. Supplies are limited and reserved for regular consumer customers. Dealers have practically nothing to offer.

THEOBROMINE.—Dutch shippers' prices continue firm as follows:—PURE: Less than 56 lb., 2 dollars, 55 cents; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; 2 cwt., 2 dollars 40 cents per lb. **SODA SAL.**: Less than 56 lb., 1 dollar 81 cents; 56 lb., 1 dollar, 79 cents; 1 cwt., 1 dollar 77 cents; 2 cwt., 1 dollar 74 cents per lb., f.o.b. Amsterdam or Rotterdam.

VANILLIN.—Little material available, with supplies reported to be limited. Makers' prices continue unchanged as follows: Ex clove oil or guaiacol, five cwt., 14s. 6d. per lb.; one cwt., 14s. 7½d.; 56 lb., 14s. 9d.; less than 56 lb., 15s., carriage paid in the United Kingdom.

Crude Drugs, etc.

BUSINESS has been fairly good, though confined for the most part to the home trade, export business having been on the dull side.

ACONITE ROOT.—Some Japanese reported available at about 115s. per cwt., ex store.

AGAR.—Good spot demand continues; prices unchanged. Kobe No. 1, 8s. to 8s. 3d. per lb.; Kobe No. 2, 7s. 6d. to 7s. 10½d.; Yokohama No. 1, 7s. 6d. to 7s. 9d., duty paid. Shipment from Japan firm: April-May, Kobe No. 1, 7s. to 7s. 7d., with buyers at 6s. 9d.; Kobe No. 2, 6s. 9d. to 6s. 10d., c.i.f., with sellers at 6s. 6d. to 6s. 7d.; Yokohama No. 1, 6s. 10d. per lb., c.i.f.

ALKANET ROOT.—Spot is quoted at about 75s. per cwt., ex store.

ALOES.—In fair demand on spot, with quotations unchanged. Curaçao, about 290s. to 300s. per cwt., ex store, according to quality. There are no further offers for shipment from source since those reported last week. Cape steady, with business limited; spot 57s. 6d. to 60s. per cwt.; Zanzibar, leaves, quoted at about 80s. to 85s. per cwt., ex store.

ANTIMONY.—English regulus, £106. Continental regulus, £98 to £99 per ton, duty paid.

BALSAMS.—Market steady; supplies limited. *Tolu*, about 6s.; soft, 6s. *Canada*, in small supply at about 5s. 3d. *Copaiba*, Para, 3s. 6d.; *Peru*, 8s. 9d. per lb., duty paid.

BUCHU.—Market continues quiet and steady. New-crop rounds, about 2s. 7d. to 3s., and ovals, 2s. 7d. per lb., ex store. Shipment is quoted at about 2s. 6d. per lb., c.i.f., for new crop.

CAMPHOR.—A fair amount of inquiry, with little Japanese material remaining. Spot, tablets, 5s. 6d. per lb.; slabs, 5s. 3d., duty paid. Prices from Japan are in the region of 5s. 4½d. for tablets and 5s. 3d. for slabs, c.i.f., for May-June shipment. Cables advise that supplies of BB commercial grade are small, and nothing will be available before May-June shipment. No price is available, but, working on the last price of £18 and the present position of the yen, value would be about £20 per 100 lb., c.i.f. Continental synthetic powder, 5s.; tablets, 5s. 6d. per lb., ex store. English makers of refined recently increased their prices as follows: Flowers, one cwt., 5s. 9d.; 28 lb., 5s. 10d.; less than 28 lb., 5s. 11d. per lb. Transparent tablets, ¼-oz., one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb.

CARDAMOMS.—Values unchanged, market flat. Ceylon, bleached, bold, 5s.; medium pale, 3s. 9d. to 4s.; small, 3s. 6d.; Bombay seed, 4s. 6d. per lb.; Mangalore seed, 4s. 3d.; Aleppy greens, spot, 3s. 3d. to 3s. 4d.; shipment, 2s. 6d., c.i.f.

CASCARA SAGRADA.—Market steady; business moderate. Spot, 1939 peel, about 70s. per cwt., ex store; 1938 peel, up to 115s. per cwt., ex store. Shipment, new crop, has been indicated at about 70s. per cwt., c.i.f.

CASCARILLA.—In small supply on spot; quoted at about 1s. 6d. per lb.

CLOVES.—Some activity in this market. Zanzibar easier on spot at 9½d. per lb.; shipment, April-May, 9½d., c.i.f.; Madagascar, sellers at 9½d. per lb., in bond; shipment, April-May, 9½d. per lb., c.i.f.

COCONUT (DESICCATED).—Quiet, with fair business passing at unchanged prices. Fine, spot, 27s.; medium, 26s. 6d.; shipment, April-May, 21s. 6d. per cwt., c.i.f.

COD LIVER OIL.—The position with regard to Norwegian medicinal oil is unchanged. Spot stocks are reported low and, in view of the situation at source, no supplies are coming forward. Quotations for finest-quality British medicinal oil are nominal.

COLCHICUM.—Root is quoted on spot at about 80s. per cwt.

DERRIS ROOT.—Quiet and unchanged; no shipment offers. Spot, 18 per cent. ether extract, 7½d. to 8d. per lb. Root of 4 to 5 per cent. rotenone content, if available, about 1s. 3d. per lb., ex store.

DIGITALIS LEAVES.—Dealers are quoting about 175s. per cwt. for ordinary quality. Supplies are limited.

ERGOT.—Supplies still reported scarce. Portuguese, spot, if available, about 25s. per lb.; shipment, about 21s. 6d. per lb., c.i.f. Spanish, spot, about 27s.; shipment, 21s. 6d., c.i.f. Hungarian, spot, about 14s. 6d. to 15s. for small lots, and afloat, about 13s. per lb., c.i.f.

GAMBOGE.—A parcel of good Siam pipe, now landed, is valued at about £26 per cwt., duty paid.

GENTIAN.—French root is quoted dearer on spot at 52s. 6d. to 55s. per cwt., ex store.

GINGER.—Steady and unchanged at last week's quotations. West African, spot, 30s. per cwt.; shipment, April-May, 22s., c.i.f. Jamaican, spot, small-medium, 55s.; bold, in barrels, 85s. per cwt., ex store. Cochinchina, unwashed, 45s. per cwt., ex store; shipment, 33s. per cwt., c.i.f.

GUM ACACIA.—Market quiet and steady. Kordofan cleaned sorts, spot, 62s. 6d.; shipment, 45s. per cwt., c.i.f.

HENBANE.—Spot, scarce, quoted at about 170s. per cwt., nominal, ex store.

HENNA.—New-crop Egyptian leaves quoted firm. Limited supplies are available in London: Green, 55s.; brown, 50s. per cwt., ex store.

HONEY.—Spot supplies still limited; prices unchanged. Jamaican, nominal at about 95s. to 110s. per cwt. Canadian is short and the value is now not less than 95s. per cwt., ex store. Some Australian is offered in London at 80s. to 85s. per cwt., as to grade.

HYDRASTIS.—Market has been rather quiet, steady. Spot, good-test root, 21s.; U.S.P., 19s. 6d., ex store; shipment, 19s. per lb., c.i.f.

IPECACUANHA.—Spot values continue firm. Matto Grosso, about 27s. per lb., according to holder. Shipment firm; May-June, 23s. per lb., c.i.f. Minas, steady on spot at about 13s. 3d. to 14s. per lb. according to test. Shipment, rather more freely offered at 11s. to 11s. 6d. per lb., c.i.f. EXT. IPECAC. LIQ., 35s. 6d. per lb. for minimum lots of twelve winchesters.

LAVENDER FLOWERS.—Good blue French flowers are quoted on spot at about 160s. per cwt., ex store.

MENTHOL.—Chinese material continues in fair demand; spot, about 15s. to 15s. 3d. per lb.; shipment, April-May, 13s. 6d. to 14s., c.i.f., according to brand and seller. Little demand for Japanese; K/S brands, about 20s., duty paid, and 19s. in bond. Shipment offers from source are at about 23s. and upwards, c.i.f., with no business passing.

MERCURY.—The only price available is £51 8s. 6d. per bottle of 75 lb., ex warehouse London, net, without engagement. No shipment prices.

PEPPER.—This market remains on the quiet side, with little change in prices. Lampong, in bond, 3½d., April-May, easier at 2½d., c.i.f. Tellicherry, spot, 5d.; April-May, 34s. 6d. per cwt., c.i.f. Aleppy, spot, 4½d.; May-June, 34s. 6d., c.i.f. White Muntok, duty paid, 5½d.; in bond, 4½d.; April-May, 4½d. per lb., c.i.f.

PIMENTO.—Market quieter; inquiry fair. Spot, 1s. 2d. per lb.; shipment, April-May, nominal.

RHUBARB.—Market is firm, and spot stocks of good rough-round are low. Good-quality rough-round is quoted on spot at about 4s. 6d. to 4s. 9d. per lb.; very slightly wormy is available at in the region of 3s. 9d. per lb. Rough-round for April-May shipment is quoted at about 4s. 6d. to 4s. 9d., and wormy at about 3s. 9d. Chinese is reported offered at between 4s. 2d. and 4s. 6d. per lb., c.i.f.

RUBBER.—Small business; market closed quiet. Standard ribbed smoked sheet, spot, 10½d.; shipment, May, 10½d.; July-September, 11½d. per lb.

SEEDS.—ANISE.—Spot, Cyprus, 75s., duty free; Syrian, 70s., in bond, and 75s., duty paid. **CANARY.**—Pending allocation, no prices are available. **CARAWAY.**—Spot, Dutch, 85s. to 87s. 6d., duty paid.

CORIANDE.—Market quiet; Morocco, on spot, offered at 22s., duty paid, and 20s., in bond. **CUMIN.**—Spot, Malta, 85s., duty free; Cyprus, 75s., duty free; Morocco, 80s., duty paid, and 75s., in bond. **DILL.**—Spot, Indian, 11 per cent., 36s., duty free. **FENNEL.**—Spot, Indian, 52s. 6d. to 57s. 6d., duty free; Iran, 54s. to 55s., in bond.

FENUGREEK.—Spot, duty paid, Morocco, quoted at 19s., ex wharf London, and 18s. 6d., ex store, Liverpool. **MUSTARD.**—Spot, 52s. 6d. to 65s., according to quality.

SENEGA.—In good demand during the past few days, with spot material cleared at about 4s. 9d. per lb. Cabled offers from origin are at about 4s. 6d. per lb., c.i.f., for May shipment.

SENNA.—Tinnevely firm and slightly dearer on spot. Leaves, No. 1, 4½d.; No. 2, 5½d.; No. 3, 4½d. per lb. Tinnevely pods, best pale hand-picked, 10½d.; darker grades, 5½d.–6½d.; f.a.q., 4½d. per lb. A small misignment of new-crop Alexandrian hand-picked pods has arrived, or which firm limits are asked. Good bold green No. 1, 8s. per lb.; air quality No. 2, 5s. 6d.; medium to smallish, 3s. 3d.

SHELLAC.—Market continues inactive and unchanged. Spot, standard N orange, 80s. to 83s.; pure button, 127s. 6d.; fine orange, 130s. to 170s. per cwt. For arrival, TN orange, 67s. per cwt., c.i.f.

TOKNA BEANS.—Fair frosted Para beans quoted at from 2s. to 3s. 3d. per lb. as to quality and quantity, ex store. Angostura, spot, s. per lb. Business continues quiet.

TRAGACANTH.—Market quiet, with quoted values unchanged. Finest selected white ribbon, from £85; No. 1, white, £75; No. 2, white, £65; No. 3, white, £53; pale leaf, £33; amber leaf, £25; red leaf, from 14 10s. Woody and hoggy, from £10 10s. All prices are per cwt., ex store London.

TURMERIC.—Madras and Rajapore, spot, quoted at 47s. 6d.

WAXES.—**BEES'** Values maintained but business limited owing to lack of stock. Spot, from 170s.; in bond, 160s.; shipment, Dar-es-salaam, 155s. per cwt., c.i.f. Japanese, first three brands, spot, 120s., duty paid; shipment, 97s. 6d., c.i.f. **CARNAUBA:** Forward quotations continue at recent advances. Fatty grey, 400s.; chalky grey, spot, 500s. Primeira, spot, 500s.

Essential and Expressed Oils, etc.

This market continues generally quiet. There is rather more demand for anise (star). Caraway is firmer. Lemon is dearer for shipment. Nutmeg is firm. Peppermint is in good demand.

ALMOND.—Market steady; quotations unchanged. Expressed oil, spot, cwt. lots, 3s. 2d.; smaller quantities, up to 3s. 7d. per lb., ex store. French, genuine bitter, firm at 11s. per lb., ex store.

ANISE (STAR).—Rather more demand reported. Tins in cases steady at about 4s. 1d. per lb.; drums, 3s. 11d.; shipment, steady, April–May, tins in cases, 3s. 8d. to 3s. 9d.; drums, 3s. 7d. to 3s. 8d. per lb., c.i.f. Some drums now afloat are valued at 3s. 8d. per lb., c.i.f.

BAY.—Business moderate, with values unchanged. Quoted at from 3s. 3d. to 6s. per lb., ex store, as to quantity.

BERGAMOT.—Unchanged. About 35s. per lb., ex store, is indicated for spot, but values remain a matter for negotiation. Supplies of genuine oil are limited.

BOIS DE ROSE.—Steady on spot at from 8s. to 8s. 6d. per lb., ex store; shipment offers are at about 7s. 6d. per lb., c.i.f., for distant positions.

CARAWAY.—The firmer tendency noted last week continues. Dutch rectified is quoted at about 15s. 6d. to 16s. per lb., landed and duty paid; shipment remains at about 15s. per lb., duty paid.

CASSIA.—Market firm; spot, in limited supply, about 5s. 3d. to 5s. 6d. or leads; drums at slightly less. No shipment offers.

CITRONELLA.—Market dull, with quotations unchanged on the week. Eylon, spot, drums, 2s. 4d. to 2s. 6d.; small quantities, up to 3s. per lb.; shipment, drums, about 2s. per lb., c.i.f. Java, spot, drums, about 5s. 6d. to 2s. 10½d.; small quantities, up to 3s. per lb.; shipment, about 1s. 11d. per lb., c.i.f.; business of small account.

CIVET.—Spot, if available, would be worth about 29s. per oz. for highest-quality oil.

CLOVE.—Quotations for Madagascar oil continue at about 5s. and upwards per lb., for drums, if available; English distilled oil, firm at 7s. to 7s. 3d. per lb., according to quantity.

EUCALYPTUS.—Demand reported small; spot, steady at from 4s. 6d. to 5s. per lb., as to holder, for 80 to 85 per cent. oil. Shipment continues firm; April–May, quoted at about 3s. per lb., c.i.f.

GERANIUM.—Good-quality Bourbon oil is firmly held on spot at 15s. per lb.; shipment, firm at about 13s. 6d. per lb., c.i.f. Algerian is quoted on spot at about 16s. per lb.; no shipment offers available.

LAVENDER.—Not much business passing, but prices are firm. Good 88 to 40 per cent. oil is quoted at from about 17s. 6d. up to 20s. per lb., ex store. **LAVANDIN,** 10s. 6d. to 15s. per lb., ex store, according to quality.

LEMON.—Spot, about 20s. per lb., for finest hand-pressed material; blended oils at lower prices. Shipment, quoted at about 21s. per lb. or a little under, c.i.f., for genuine oil. Californian oil, distilled, regular quality, 8s. 6d. per lb., at wharf. Shipment prices for cold-pressed are at the 20 cents increase recorded recently.

LINSEED.—The controlled price for large bulk quantities of crude, naked ex works, is unchanged at £40 10s. per ton. Distributors' prices for ordinary quantities of crude or boiled, packed and carriage paid, would be at higher figures.

NEROLI.—The value indicated in France for flowers is now about 17 francs per kilo. This is over four times last year's price.

NUTMEG.—Market continues firm. American, 11s. 9d. to 12s. 6d., as to quantity; shipment, 10s. per lb., c.i.f. Dutch quoted on spot at about 13s. to 13s. 6d. per lb., as to quantity, ex store.

ORANGE.—Business remains slow, with values unchanged. Spot, steady at about 4s. 3d. to 4s. 6d. per lb. No shipment quotations avail-

able. Californian oil is quoted in sterling at 4s. 10d. per lb., in small drums, ex store, duty paid, limited supplies only being available.

PALMAROSA.—This market continues firm, with spot prices fully 11s. to 11s. 6d. per lb., ex store, and supplies limited. Shipment, firm and unchanged at about 10s. per lb., c.i.f.

PATCHOULI.—Genuine Singapore oil is valued on spot at about 35s. to 37s. 6d. per lb., with supplies limited. Seychelles material is also scarce and quoted nominal at about 27s. 6d. to 30s. per lb. No shipment offers available.

PEPPERMINT.—The good demand for Japanese oil continues, and up to 8s. 9d. is reported paid for small lots found on spot. Some shipment offers from source are at about 8s. per lb., c.i.f. Some business is reported done in Chinese oil on spot at 5s. 6d. per lb., 5s. 9d. being now asked. Shipment, April–May, about 5s. per lb., c.i.f.

PETITGRAIN.—Quoted on spot at about 9s. 6d. per lb., nominal, ex store. Shipment, March–April, drums only, offered at about 7s. 6d. per lb., c.i.f.

ROSEMARY.—Spanish, spot, about 3s. 6d. to 3s. 9d. per lb., ex store. Tunis, spot, about 3s. 3d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, 19s. 9d. per lb. East Indian, produced outside the province of Mysore, 18s. per lb., for bulk quantities. English-made West Indian, 15s. per lb. Australian, one-case lots, 16s., and five-cwt. lots, 15s. 6d. per lb.

SPIKE.—Not much business passing; spot, good-quality Spanish available at about 7s. 6d. to 8s. per lb., ex store. Other grades are at lower figures.

TI-TREE.—Importers continue to offer spot supplies at about 52s. 6d. per gallon, in tins.

TURPENTINE (AMERICAN).—Values are steady: London, 54s. 9d. per cwt., tax paid, in barrels, ex wharf; Liverpool, 61s., in barrels, ex store.

TURULE.—Empire oil is quoted as follows:—Refined hydrogenated green, in one-gallon tins, 45s. per gallon; filtered crude green, 2s. to 2s. 6d. per lb., according to package.

VETIVER.—Limited supplies of Bourbon on spot are valued at about 25s. to 26s. per lb. Java is quoted on spot at about 21s. to 22s. per lb., ex store.

WORMSEED.—Market continues steady, with supplies severely restricted. Spot, 24s.; shipment, 23s. per lb., c.i.f.

WORLD MINERAL INDUSTRIES

No. 16—Nickel

THE following details of world production of nickel are taken from the statistical summary 1936–1938, of the mineral industry of the British Empire and foreign countries, issued by the Imperial Institute, London, S.W.7. (H.M. Stationery Office, price 7s. 6d.). Figures are in long tons.

Producing Country	1936	1937	1938
BRITISH EMPIRE:—			
Southern Rhodesia (estimated)	14	4	75
Union of South Africa	—	—	44
Canada	75,777	100,404	94,006
Burma (b)	1,292	1,214	944
Australia	—	—	20
Total	77,100	101,600	95,100
FOREIGN COUNTRIES:—			
Italy	—	67	(a)
Greece (e)	1,235	951	(a)
Norway	1,251	863	1,100
U.S.S.R. (estimated)	2,000	2,000	2,500
Egypt	—	14	32
Morocco (French)	146	250	316
United States (d)	96	196	371
Brazil	470	102	(a)
New Caledonia (c)	9,000	11,100	12,300
Total	14,000	15,500	18,000
World total	91,000	117,000	113,000

Nickel ores are also produced in Germany and the Dutch East Indies. (a) Information not available. (b) Nickel content of speiss obtained as by-product in smelting operations. (c) Estimated content of ore as mined; the estimated content of ore, matte, etc., exported was: 1936, 4,800; 1937, 5,800; 1938, 7,250 long tons. (d) Nickel content of salts and nickel produced as by-product in the electrolytic refining of copper (partly from imported blister copper). Secondary metal was recovered in the United States as follows: 1936, 1,754; 1937, 2,143; 1938, 2,054 long tons. (e) Figures represent combined totals of nickel content and cobalt content of ores.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmaceutical Council Election

SIR,—At the request of the members of this Branch, I wish to affirm their support of the candidature of the branch chairman and the Society's treasurer (Mr. H. W. Wallis). To hear Mr. Wallis speak is to be impressed by the absence of rhetorical frills and mannerisms, and by the clarity and logical exposition of a policy based on years of experience in pharmaceutical and municipal committee work. To be elected treasurer during his first term of office is conclusive evidence of the esteem of his colleagues on the Council, and—while having no personal doubts regarding his re-election—may I ask members to extend him their votes as an expression of confidence and of appreciation of his courageous acceptance of his present office during a critical period of National and domestic finances.—Yours faithfully,

JOHN WILLIAMS,

Secretary, Chester Branch, Pharmaceutical Society.

First Aid in Pharmacies

SIR,—The anomalous position which pharmacists occupy in the national life has never been shown up so prominently as in the report on "Treatment of Air-Raid Casualties" (C. & D., April 20, p. 298). At the outset pharmacists offered their services for the best use that could be made of them, only to be told they should remain in their pharmacies, where the public might expect to receive help and advice. Today it is expected by the authorities that the first-aid posts will be adequate. Yet it is obvious that, for minor injuries, the public will continue to look upon the pharmacy as the place to go to for first-aid. In the event of air raids demands may be heavy and entail considerable use of materials. When road-accident patients are taken to a hospital, a defined initial charge is made to cover first costs. Could not some such arrangement be made for the provision of first aid in a national cause? In the article "First-Aid Treatment by Chemists" (p. 303) you refer to a part of the air-raid precautions scheme under which pharmacists are expected to keep supplies of dressings available. For what purpose are these supplies to be kept? If the chemist is not to render first aid, then we may presume these dressings are to be ready so that they may be called on by the local authorities for use in first-aid posts. These posts are already equipped. It is to be hoped the Society will succeed in getting some more satisfactory statement as to where pharmacists stand.—Yours faithfully,

EMERGENT (21/4).

Handling Photographic Customers

SIR,—Mr. M. E. Thacker's criticism (C. & D., April 27, p. 332) of my article "How To Run a Successful D. and P. Service," would, I am sure, have had a far greater appeal had he tinged his destructive remarks with at least one iota of constructional detail based on his own experience of dealing with "fifty or more spools per day." Probably he feels that his 33½ per cent. is fully earned by taking in the spools and handing out the wallets with the all too common platitude: "They have all come out!" Possibly they have, but in what form? Eight prints from eight negatives there may be, but what quality, poor, bad, or passable? Rarely in the case of the button pusher are they definitely good, and this is the customer who, I suggest, should be helped to a higher standard, a better camera, and so forth. There is a definite sense of *camaraderie* among amateur photographers and few and far between are they who, in my experience, resent uninvited criticism. Among the resentful few I find the man with an expensive outfit and insufficient knowledge of his equipment and the art of photography. This is the chap who is self-consciously annoyed at the remark, "You appear to have two failures," as advocated by Mr. Thacker. Thank goodness his type is almost as scarce as roses in December. Mr. Thacker's suggestion as to how to inform the client of his shortcomings is one well calculated to strangle the much-needed discussion at birth, especially if the "You appear to have two failures" is thrown at him in the presence of other customers. Surely a far more subtle and effective way is to write the remarks on the print wallet for private consumption by the customer and allow him to make the next move if he is keen. This method yields golden returns, if, as Mr. Thacker suggests, "not infrequently someone other than the taker collects the snaps." The remarks should, of course, be short and to the point, and quite, quite impersonal at first, such as: "Camera moved"; "Shutter needs attention"; "All

under-exposed"; "Subject too close to camera." These and many others are common faults readily understood by the customer and give him the idea that he has a friend and counsellor if he wishes to avail himself of the opportunity to discuss his work. Two further points raised by Mr. Thacker would appear to need clarifying. All finishers are not as "reputable" and unfailing as Mr. Thacker suggests, and as for tearing up the unworthy print, this is precisely what happens to it in the finisher's hands when returned with a complaint. In conclusion, I would add that any pharmacy taking in fifty or more spools a day, should be in a position to maintain at least one assistant devoting his whole time to the photographic section. Assuming an average profit of £7 10s. per week on the fifty-spools-a-day basis, quite apart from the hundred-and-one other sources of profit accruing to a photographic section of this magnitude, surely this is enough in all conscience to enable the firm to pay a handsome wage to a reliable and thoroughly conversant assistant who could spare the required time to examining (not necessarily minutely) every negative and print and memorise them. Not a terribly difficult task even without the aid of the Pelman Institute.—Yours faithfully,

F. W. M. (30/4).

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Eye Lotion.—P. J. L. (Esthonia) (26/4).—We do not undertake to publish formulas for proprietary preparations. The following are formulas for eye lotions:—

I		II	
Borax	2.0	Zinc sulphate	0.05
Sodium chloride ..	3.0	Boric acid	1.6
Bicarbonate of soda ..	2.0	Glycerin	5.0
Water	92.9	Camphor water	25.0
Oil of peppermint ..	0.1	Distilled water	68.35

Athlete's Foot.—P. R. C. L. (25/4).—In the treatment of this condition, also called ringworm of the feet and toes, a great variety of antiseptics have been used, but it cannot be said that any one of them is outstanding in efficiency. Tincture of iodine in strengths from 0.5 to 5 per cent. may be used according to the tolerance of the individual skin. Swabbing the area with 3 to 5 per cent. solution of silver nitrate in sweet spirit of nitre is another useful method. When the condition has reached a dry, scaly stage, an ointment containing 6 per cent. of benzoic acid and 3 per cent. salicylic acid should be used in preference to lotions. A dusting powder composed of salicylic acid, menthol, camphor, boric acid and starch has also been suggested for this condition. Soothing applications such as starch poultices or dressings of boric acid solution or 10 per cent. ichthammol solution should be used until the acute inflammation has subsided.

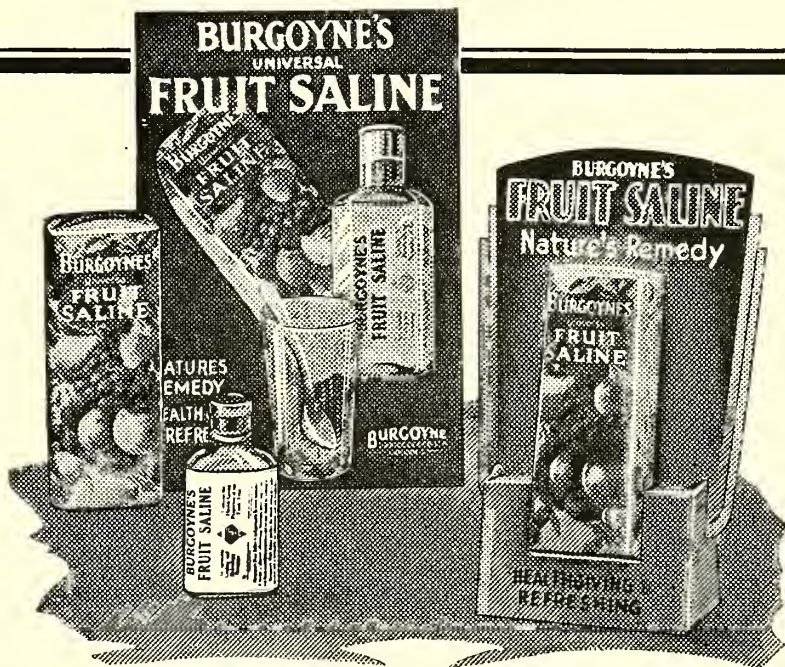
Egg Preservatives.—S. & Co. (25/4).—Alternative egg-preserving methods to the use of waterglass solution are as follows: (1) Mix four parts of finely-slaked lime with twenty parts of cold water, and afterwards add one part of salt. This solution should be prepared by mixing the lime and the water a week before it is to be used, and stirring well together daily, adding the salt on the fourth or fifth day. The eggs should be placed in vessels of glass, or glazed earthenware, and the cleared solution poured over them, care being taken to avoid adding any of the sediment, otherwise there is danger of the solution becoming a solid mass. The container should not be filled with eggs; 2 or 3 in. of solution should rest above the top layer. A crust forms on the top of the solution in the course of a week or two and this checks evaporation of the solution; care should be taken not to break the crust. (2) Melt 4 oz. of clear beeswax in a porcelain dish over a gentle fire, and stir in 8 oz. of olive oil. Let the solution of wax in oil cool somewhat, then dip the fresh eggs one by one into it so as to coat every part of the shell. A momentary dip is sufficient, all excess of the mixture being wiped off with a cotton cloth. (3) Place about six eggs in a netting into a boiling solution of boric acid, withdraw immediately, and pack. The idea of the process is that the dipping in boiling boric acid solution not only kills all bacteria existing on, or in, the shell and membrane, but reinforces these latter by a very thin layer of coagulated albumen.

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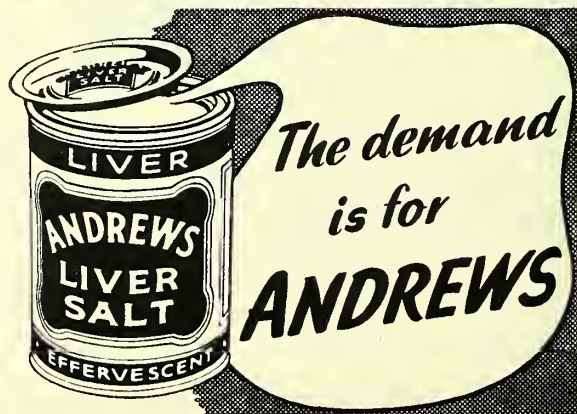
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The CHEMIST AND DRUGGIST

SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

MAY 4
1940

IMPORTANT NOTICE

The enormously increased cost and compulsory restriction of paper supplies, together with heavy increase in postal rates, have necessitated a revision of our tariff for classified advertisements. Advertisers are asked to note carefully the new rates which are now operative.

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Any received too late will be inserted the following week

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Emergency Address: The Chemist & Druggist, The Pitman Press, Bath

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The retiring councillors invite your continued support.

VOTE FOR X H. ANTCLIFFE X JEAN K. IRVINE (Mrs.)
X C. DAVIS X E. SAVILLE PECK
X H. SKINNER X H. W. WALLIS

**because experience is essential in these critical times.
Don't fail to use your vote.**

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WELL established good-class Drug Store, populous district on East Coast, convenient house, substantial and steadily increasing returns. Kodak and Selo agency. Nearest chemist 2 miles, unlimited scope for M.P.S. with N.H.I. Principals only. A genuine business, verified particulars 253/4, Office of this Paper.

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MANUFACTURING Chemists with connexion throughout country desires to take up additional lines. Apply 364/362, Office of this Paper.

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BRIERLEY Vertical Mixer, with clutch arrangement bow and stirrers, copper inside pan and cast iron jacket, size of pan about 24" x 18", with fast and loose pulleys. CDB/118, Office of this Paper.

FOR quick sale reconditioned Gardner 100-lb. capacity Sifter and Mixer. CDB/124, Office of this Paper.

GARDNER Size "E" Steam-heated Dryer with Sifter fitted over, capacity about 150 lb., also 60-lb. capacity Steam-heated Dryer, CDB/125, Office of this Paper.

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SIMON Vertical Grinding Machine with 12" Emery Compo Stones, also similar with 30" stones. CDB/122, Office of this Paper.

WHISK Mixer, Pan of copper about 27" deep x 1' 6" diameter, with beater type agitator, capacity of pan about 20 gallons, fast and loose pulleys for belt drive. CDB/119, Office of this Paper.

21-SIZE Christy Disintegrator, also No. 1 1/2 Size Carter. CDB/123, Office of this Paper.

3" x 3' 6" Portable Stone Mills, complete with Crane, also Gardner Dressing Machine for fine powders, barrel designed for quickly changing, with pulleys for power. CDB/121, Office of this Paper.

WANTED

GARDNER Mixer and Sifter to deal with a capacity of about 150 to 300 lb. at a time. CDB/126, Office of this Paper.

NATIONAL Cash Till, adder and printer, wanted. Keys to £1. Wood finish. Prompt cash. All details. S. Stroud, 4 Fordwych Road, Cricklewood, N.W.2.

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NORTH London. Qualified Assistant wanted used to N.H.I. dispensing, good counter hand and window-dresser. Permanent position. State age, salary, etc., photo if possible to 253/18, Office of this Paper.

PETERBOROUGH. Young Lady Dispenser required for new pharmacy. Interested in window-dressing and Toilet trade. Apply with full details to CDB/129, Office of this Paper.

ASSISTANT, male or female, required immediately for brisk Dispensing and Counter business. Good salary offered to capable energetic worker. Apply, giving full particulars, to MacCarthy's, Ltd., Market Place, Romford.

ASSISTANT, working-class district, N.H.I. Dispensing and general Counter; preferably 35 or over. Butler, Chemist, 42 Old Market Street, Bristol.

DISPENSING taught and small wage paid [in return for services in Retail Drug Store. Suit refined lady, preferably with some experience in Retail Pharmacy. 365/373, Office of this Paper.

EXPERIENCED Capable Saleswoman for Herbal and Specialised Food Store. Shop routine, display-window dressing. Good salary, permanency for industrious, dependable worker. Age, salary, experience, Healthways, 22 North Street, Guildford.

LADY Assistant (Junior Unqualified) required, principally for toilet counter. Must have experience in sale of good-class toilet preparations (including Arden preferred, but not essential). Apply John Stanley, Ltd., Chemists, 196 Station Road, Edgware, Middlesex. Phone Edgware 4674.

LADY Assistant, unqualified, young, required for good-class business in neutral area, easy hours, no Sunday or holiday duty. Give full particulars of experience and salary required. B. D. Cameron, 52 Bridge Street, Pinner.

LADY Assistant (Unqualified), window-dressing and general counter trade, 9 a.m. to 6.30 p.m., weekdays, no Thursday or Sunday duty. Age, experience, and salary, etc., H. Procter Smith, Chemist, 23 Hampden Square, Southgate, N.14.

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LADY M.P.S. for dispensing and counter, is required by City pharmacy—Short hours, no Sunday duty. Apply in writing stating age, previous experience, salary required to J. Keene, 6 Railway Place, London, E.C.8.

PARKES, Chemists, London, have vacancy for an experienced Lady Assistant able to dispense; window-dressing ability an advantage, also for Toilet and Counter Assistant. Apply by letter to Staff Department, Parkes, Chemists, 70 Vauxhall Bridge Road, S.W.1.

PRATT, BRAY & CO. require qualified Lady Assistant. Knowledge of high-class Toilets an advantage. Apply by letter to The Manager, Pratt, Bray & Co., 25 High Street, Reigate, Surrey.

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UNQUALIFIED Lady Assistant required; Welsh speaking preferable but not essential; state age, experience and salary, and photograph (returnable), to Edwards, Chemist, Aberayron, Cards.

WANTED Qualified Chemist (lady or gent) for Manchester suburbs. Particulars and salary to Hall, Chemist, 359 Claremont Road, Manchester.

WANTED. Qualified Manager for branch business; quick counter trade. N.H.I.; house available; energetic man to work up. Apply 250/5, Office of this Paper.

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VACANCIES FOR LOCUMS

LONDON. Qualified locum required June 3 to September 14. Apply to 211 King Street, Hammersmith.

North British Branch Executive.—A meeting of the executive of the North British Branch of the Pharmaceutical Society held in Edinburgh on April 17, Mr. W. F. Hay in the chair. The chairman welcomed Mr. Deacon (president of the Society). The resident secretary was asked to convey to Mr. Thomas members' regret that he had found it necessary to sever his connexion with the executive owing to military duties. The resident secretary read a letter from the Department of Health, stating that an arrangement had been made for pricing, by the Checking Bureau, of prescriptions for men on leave. Several members expressed to the unsatisfactory conditions in regard to dispensing men in H.M. Forces, and, after full discussion, it was agreed that the resident secretary should get into touch with the Medical Officer of the Department of Health and through him arrange to have a meeting with a representative of the War Office. Mr. MILLER asked whether there had been some correspondence regarding payment of pharmacists for work done in connexion with emergency hospitals. Mr. W. F. HAY said that the doctors had apparently been demanding payment for work done in this connexion and it was considered that, in the circumstances, pharmacists could not be expected to help without payment. However, it was quite in order for a chemist to do the work asked of him for these emergency hospitals. The resident secretary referred to a difficulty that had arisen regarding a clear definition of students who were exempt from national service. The president said a *bona-fide* student was one attending a day course of instruction. The committee in medicine, parallel to theirs in pharmacy, had asked the Government to take away the total exemption, so that, at the age of twenty-five, medical men would not be exempt; it might be necessary to ask the Government to make a similar arrangement for pharmacy. Mr. MURRAY suggested that for economy there should be no election of executive. The CHAIRMAN suggested they should ask for nominations as usual but if, in the light of the nominations received, they found it unnecessary to have an election, the matter could be considered. This proposal was seconded by Mr. Innes, and agreed to. The annual statement of accounts was submitted.

Glasgow Branch Discusses Pharmaceutical Politics.—At a meeting of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society in Glasgow on April 17, Mr. J. H. Massey, Ph.C., in the chair, the chairman recommended the didactic of Mr. W. Spence Culbert in the Society's Council election and introduced Mr. Walter Deacon (president of the Society). Mr. Deacon reviewed the pre-war and present activities of the Council. He pointed out among other matters that it was operating with the Guild of Public Pharmacists to regulate the practice of pharmacy in hospitals, and that there were 300 pharmacists serving in the Royal Army Medical Corps with the rank of sergeant. Evidence was being gathered as to co-operative societies, and he expected there would soon be a test case. A new educational syllabus was being prepared.

In the discussion, Mr. ROBERT WILSON suggested that an extension of the National Health Insurance scheme would have been the best method of dealing with dispensing for evacuee children and soldiers home on leave. Erection of the new building in London gave them an ideal opportunity of closing the school pharmacy, which cost £5,600 per annum and was of no benefit to members in the provinces. Mr. DEACON said the Minister of Health had promised to take pharmacists into consultation if any extension of the N.H.I. scheme were made. His view was that the school should be kept on as a model for similar schools elsewhere. Mr. CLARK, Newmains, made a plea for the small pharmacist, and Mr. Deacon replied that the position of the main store was strong, and they could do nothing against it by isolation. Mr. GALLACHER, Tollcross, said there were pharmacists in the Army subordinate to men who knew nothing of pharmacy. Mr. DEACON admitted that the position was not altogether satisfactory but said they were not in a position to throw down the law to the War Office. Mr. COLIN CAMPBELL, Glasgow, asked if the Society would pay full rates and taxes for the new building in London if it were occupied before being completed and the reply was that the Council would pay only for the part occupied. Mr. GEORGE MILNE, Royal Technical College, Glasgow, said that it would be an advantage if the Society's rules compelled a student to take the Preliminary Scientific examination before serving his apprenticeship. It was difficult to turn down an unsatisfactory student after he had served his apprenticeship and taken one year's classes. He proposed the following resolution: "That it is the opinion of this Branch that the Council of the Society be asked to consider

the advisability of making compulsory the taking of the Preliminary Scientific examination before an apprenticeship." The CHAIRMAN suggested that the resolution might be discussed by the conference in June. Mr. J. MERRY said that a young man could not serve his apprenticeship without his Higher Leaving Certificate or its equivalent. Medical students could take their Preliminary examination in two sittings, but pharmaceutical students had to pass all their subjects at once and, if they failed, to take them all again. He thought the present arrangement should remain, but the rule enforcing a single sitting for all subjects should be relaxed. PROFESSOR J. P. TODD said he always advised those who could matriculate to do so at the commencement of their first year. If, later on, they wished to change their profession, all they had done would count then towards a medical course. Mr. MILNE said the examiners sometimes sent a man back to take a repeat course and, though the teachers could make little or nothing of him, he eventually qualified. Such a man was a menace to the public. Mr. THOMAS GUTHRIE said that this could apply to only a small number of students. It was unreasonable to believe that any great number of students capable of passing a Matriculation examination were incapable of going on to pharmacy. PROFESSOR J. P. TODD said that the pharmaceutical syllabus was equal to many degree examinations. The first course in most professions was one of elimination, yet the Society was allowing men to put in four years and then putting an obstacle in their way. They should either accept Mr. Milne's resolution or else lower the standard of the first examination. Mr. GEORGE MCADAM, Kilmalcolm, said many students who entered for the examination had been four years away from study; the time lag was responsible for many failures. The Dundee Branch had interviewed schoolmasters in their area, and not one would recommend pharmacy as a career. Mr. SMITH, Alexandria, said that if the resolution came up at the Conference it would be discussed by pharmacists but nobody would be there to represent the point of view of the apprentices and students. After further discussion it was agreed to send the resolution up for discussion at the Conference. Dr. JOSEPH TAIT (resident secretary in Scotland) said that in Scotland they had also a Central War Committee, and it had succeeded in establishing the principle, in connexion with the dispensing for soldiers on leave, that this was work for pharmacists. PROFESSOR TODD proposed a vote of thanks to Mr. Deacon, Dr. Tait and the chairman.

Edinburgh Examination Results.—The following are the results of the examinations held in Edinburgh in April:—

Examination	Entered	Absent	Failed	Referred (one subject)	Pass
Preliminary Scientific					
(a) Whole Examination ..	54	3	24	11	16
(b) Referred subject	27	—	—	11	16
Chemist and Druggist Qualifying					
(a) Whole Examination ..	33	5	10	12	6
(b) Referred subject	45	1	—	10	34

The Board prescribed that before re-entry one candidate should undergo further study in chemistry and physics. The following passed in the Chemist and Druggist Qualifying examination:—

Alexander, J., Glasgow	Jones, E., Liverpool
Anderton, J., Bolton	Le May, Janet D., Paisley
Bailey, G. V., Stoke-on-Trent	Lomax, J. H., Bolton
Ballingall, S. T., Glasgow	McAndrew, M., Bradford
Beetham, Mary, Harrogate	Mackinnon, E. C., Edinburgh
Black, S., Manchester	Martin, S. S., Sale
Blight, G., Halifax	Massey, D. E., High Lane
Browne, W., Glasgow	Roberts, W. M., Liverpool
Cassidy, E. P., Bradford	Sharpe, W. J., Leith
Chishelsky, M., Liverpool	Smith, A. C., Birmingham
Fox, Dorothy, Aberdeen	Southall-Edwards, R., Stockton-on-Tees
Hadden, J., Dunbar	Sutton, S., Southport
Hague, D. J. K., Liverpool	Trayler, J. E., Liverpool
Hanlon, Kathleen J., Oncham, I.O.M.	Walker, C. A., Clifton
Hill, A. J., Berwick-on-Tweed	Webster, S. C., Windermere
Howarth, A., Wilmslow	Wilks, C. H., Birmingham
Hutchison, Ruby, Inverkeithing	Windle, E., Fenay Bridge
Hynd, H. G., Dunfermline	Wood, A. L., Brooklands
Jones, Ruth W., Ashton-in-Makerfield	Wright, R., Blackpool
	Young, Mary R., Paisley

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BRIERLEY Vertical Mixer, with clutch arrangement bow and stirrers, copper inside pan and cast iron jacket, size of pan about 24" x 18", with fast and loose pulleys. CDB/118, Office of this Paper.

FOR quick sale reconditioned Gardner 100-lb. capacity Sifter and Mixer. CDB/124, Office of this Paper.

GARDNER Size "E" Steam-heated Dryer with Sifter fitted over, capacity about 150 lb., also 60-lb. capacity Steam-heated Dryer, CDB/125, Office of this Paper.

LEHMANN Melangeur, steam heated, with granite bed about 4' 6" diameter inside, runners also of granite 23" diameter x 15½" wide, with pulleys. CDB/120, Office of this Paper.

SIMON Vertical Grinding Machine with 12" Emery Compo Stones, also similar with 30" stones. CDB/122, Office of this Paper.

WHISK Mixer, Pan of copper about 27" deep x 1' 6" diameter, with beater type agitator, capacity of pan about 20 gallons, fast and loose pulleys for belt drive. CDB/119, Office of this Paper.

21-SIZE Christy Disintegrator, also No. 1½ Size Carter. CDB/123, Office of this Paper.

3" x 3' 6" Portable Stone Mills, complete with Crane, also Gardner Dressing Machine for fine powders, barrel designed for quickly changing, with pulleys for power. CDB/121, Office of this Paper.

WANTED

GARDNER Mixer and Sifter to deal with a capacity of about 150 to 300 lb. at a time. CDB/126, Office of this Paper.

NATIONAL Cash Till, adder and printer, wanted. Keys to £1. Wood finish. Prompt cash. All details. S. Stroud, 4 Fordwych Road, Cricklewood, N.W.2.

SITUATIONS OPEN

RETAIL (HOME)

BRIGHTON. Young lady unqualified, 20-23, required for Toilet and General Sales. Please give full particulars of experience, age, height, and photo if possible. Also salary required to 253/3, Office of this Paper.

LEEDS. Unqualified Assistant required. Apply by letter only stating age, experience, and salary required to Maxwell Vites, Chemist and Optician, 200 York Road, Leeds, 9. Applications unanswered in seven days respectfully declined.

NORTH London. Qualified Assistant wanted used to N.H.I. dispensing, good counter hand and window-dresser. Permanent position. State age, salary, etc., photo if possible to 253/18, Office of this Paper.

PETERBOROUGH. Young Lady Dispenser required for new pharmacy. Interested in window-dressing and Toilet trade. Apply with full details to CDB/129, Office of this Paper.

ASSISTANT, male or female, required immediately for brisk Dispensing and Counter business. Good salary offered to capable energetic worker. Apply, giving full particulars, to Macarthy's, Ltd., Market Place, Romford.

ASSISTANT, working-class district, N.H.I. Dispensing and general Counter; preferably 35 or over. Butler, Chemist, 42 Old Market Street, Bristol.

DISPENSING taught and small wage paid (in return for services in Retail Drug Store. Suit refused lady, preferably with some experience in Retail Pharmacy. 365/373, Office of this Paper.

EXPERIENCED Capable Saleswoman for Herbal and Specialised Food Store. Shop routine, display-window dressing. Good salary, permanency for industrious, dependable worker. Age, salary, experience, Healthways, 22 North Street, Guildford.

LADY Assistant (Junior Unqualified) required, principally for toilet counter. Must have experience in sale of good-class toilet preparations (including Arden preferred, but not essential). Apply John Stanley, Ltd., Chemists, 196 Station Road, Edgware, Middlesex. Phone Edgware 4674.

LADY Assistant, unqualified, young, required for good-class business in neutral area, easy hours, no Sunday or holiday duty. Give full particulars of experience and salary required. B. D. Cameron, 52 Bridge Street, Pinner.

LADY Assistant (Unqualified), window-dressing and general counter trade, 9 a.m. to 6.30 p.m., weekdays, no Thursday or Sunday duty. Age, experience, and salary, etc., H. Procter Smith, Chemist, 23 Hampden Square, Southgate, N.14.

LADY, experienced in Retail Pharmacy with knowledge of Dispensing; good Saleswoman. 365/372, Office of this Paper.

LADY M.P.S. for dispensing and counter, is required by City pharmacy—Short hours, no Sunday duty. Apply in writing stating age, previous experience, salary required to J. Keene, 6 Railway Place, London, E.C.3.

PARKES, Chemists, London, have vacancy for an experienced Lady Assistant able to dispense; window-dressing ability an advantage, also for Toilet and Counter Assistant. Apply by letter to Staff Department, Parkes, Chemists, 70 Vauxhall Bridge Road, S.W.1.

PRATT, BRAY & CO. require qualified Lady Assistant. Knowledge of high-class Toilets an advantage. Apply by letter to The Manager, Pratt, Bray & Co., 25 High Street, Reigate, Surrey.

QUALIFIED Assistant required for good-class business on South Coast, applicants must be accustomed to busy Dispensing business. Please give full particulars in first letter, and state when disengaged. 364/371, Office of this Paper.

QUALIFIED Assistant required. Good permanent position. Forms of application may be obtained from the Secretary, Peterborough Co-operative Society, Peterborough.

ROBERTS & CO., 76 New Bond Street, London, W.1, require Qualified Dispenser under 25. Apply by letter with photograph.

UNQUALIFIED Assistant, male or female, required immediately; good knowledge of dispensing essential. Apply, stating age, salary required, and full particulars, Tile Hill Pharmacy, Ltd., 343 Tile Hill Lane, Coventry, Warwickshire.

UNQUALIFIED Lady Assistant required; Welsh speaking preferable but not essential; state age, experience and salary, and photograph (returnable), to Edwards, Chemist, Aberayron, Cards.

WANTED Qualified Chemist (lady or gent) for Manchester suburbs. Particulars and salary to Hall, Chemist, 359 Claremont Road, Manchester.

WANTED. Qualified Manager for branch business; quick counter trade, N.H.I.; house available; energetic man to work up. Apply 250/5, Office of this Paper.

WOODLANDS Chemists, Ltd., require 2 Qualified Men for summer relief work—May 17-October 12. Possible permanency for good man, also Manager for Branch near London, living accommodation. Apply, 28 St. John's Lane, E.C.1.

VACANCIES FOR LOCUMS

LONDON. Qualified locum required June 3 to September 14. Apply to 211 King Street, Hammersmith.

COUNTY BOROUGH OF WEST HAM

MALE QUALIFIED CHEMIST required as "Locum Tenens" for period of SEVEN WEEKS, from the 27th May, 1940. Wages £5 10s. 0d. per week with dinner and tea. Applications in writing to be made to Medical Superintendent, Whipps Cross Hospital, Whipps Cross Road, Leytonstone, E.11.

CHARLES E. CRANFIELD
Town Clerk

PHARMACY. Unqualified Assistant required as locum. Female Assistant required, must have had general and pharmaceutical shop experience. Widows and single persons only will be considered. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113, Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note: Canvassing of members of the General Committee or Officials will disqualify.

WHOLESALE

LONDON AND THE HOME COUNTIES. Leading manufacturers of Nationally Advertised Products wish to engage a temporary representative (appointment subject to one month's notice). Applications are invited from men between 40/50 years of age, of proved sales ability, and with a sound connexion amongst Chemists in the territory outlined. Reply (in confidence) giving full particulars of experience, age, and salary required, to Sales Manager, 364/365, Office of this Paper.

WARWICKSHIRE, WORCESTER, AND STAFFORDSHIRE. Leading manufacturers of Nationally Advertised Products wish to engage a temporary representative (appointment subject to one month's notice). Applications are invited from men between 40/50 years of age, of proved sales ability, and with a sound connexion amongst Chemists in the territory outlined. Reply (in confidence) giving full particulars of experience, age, and salary required, to Sales Manager, 364/365, Office of this Paper.

COSTING Clerk required by C. R. Harker, Staggs & Morgan, Ltd., Ennismore Street, Mile End, E.1.

COUNTER hand required by firm of chemical manufacturers. Write, stating age, experience and salary required, to 364/367, Office of this Paper.

EXPERIENCED representatives, in all areas, already calling on doctors and hospitals, required to handle several additional interesting pharmaceutical lines which are non-competitive to general ethical preparations, expenses and commission only. Write L. P. L., Whitestones, Hayes Lane, Beckenham, Kent.

INVOICE Clerk required for London Wholesale Druggists. Write stating experience, etc., 364/344, Office of this Paper.

REQUIRED for London area. Wet counter hand with some knowledge of essential oils. Exempted from military service. State age, salary and experience, to 365/375, Office of this Paper.

SURGICAL Instruments, Order Clerk. Able take charge; knowledge sundries essential. 364/366, Office of this Paper.

TABLET Maker and Sugar Coater wanted for London Wholesale Druggists. 364/343, Office of this Paper.

WANTED Qualified Pharmacist for poison department Midland Manufacturing Chemists. Application with references and stating salary required to 365/376, Office of this Paper.

WAREHOUSEMAN required by London Manufacturing Chemists handling Proprietaries. Full details age, experience to 364/357, Office of this Paper.

SITUATIONS WANTED

A.A.A.A. Manager (39) Qualified, smart appearance, good personality, excellent sales record. West-End, City and all-round experience, high-class toilets, perfumery and cosmetics. Arden, Rubenstein, Cyclax, Worth, Chanel, etc., Free. Chemist 12 Sandown Drive, Sale, Manchester.

AS Manager or Senior Assistant, age 33. First-class experience, dispensing, counter, photography, buying and stock-keeping—"Pharmacist," 20 The Crescent, Northwich.

ASSISTANT, over 17 years' varied experience; five years' apprenticeship (indentured). West End, country and watering-place. Dispensing, photo, veterinary. Registered Dentist (prescribed exam.). Over military age, seeks position of trust. "D," 42 Preston Road, Brighton.

ASSISTANT, Unqualified, energetic, experienced, over military age, seeks change, good references for Dispensing, Photographics, Counter; West Midlands preferred. 252/1, Office of this Paper.

CHEMIST (41), Ph.D., commercial education and experience. Austrian, exact worker, reliable, highly trustworthy, excellent references, seeks any occupation anywhere. Einleger, Romsey Road, Kings Somborne, Hants.

DISPENSER-BOOK-KEEPER, Qualified, desires post with doctor or firm. Thoroughly experienced all branches; typing; near London preferred. 252/11, Office of this Paper.

EXPERIENCED young lady seeks post as chemist's assistant—London or suburbs. Reply "advert." 11 Radium Avenue, Dartford.

PART-TIME or Relief, chiefly Dispensing, wanted South London. Elderly, recent experience, Hall Certificate. Mr. K., 32 North Street, S.W.4.

ALL DRUG AND FINE CHEMICAL WORKERS SHOULD JOIN AT ONCE
THE CHEMICAL WORKERS' UNION
Reg. T.U. No. 1696 - Founded 1912
BENEFITS: Trade Protection, Legal Aid, Unemployment Benefit, Free Use of Employment Bureau
WRITE FOR PARTICULARS: Arthur J. Gillan, Gen. Sec., 149 Newington Causeway, London, S.E.1.

PHARMACIST, age 42, desires managerial or other responsible post. Extensive experience, energetic, capable, trustworthy; first-class testimonials, disengaged, anywhere. 251/1, Office of this Paper.

MANAGER or Senior M.P.S. Qualified Optician (O.B.A.C.), single (39), London and suburban experience, Toilets and Photographic, Optical position not essential. Chemist, 1 Palliser Road, Barons Court, W.14.

QUALIFIED Lady (28) desires post as Branch Manager. All-round experience. Chester District or Cathedral town preferred. 253/13, Office of this Paper.

UNQUALIFIED Assistant, male, 39, married, first-class experience N.H.I. dispensing, quick counter trade. Schoell Surgical and all branches, Milner, 28 Humber Road, Blackheath, S.E.3.

LOCUMS SEEKING ENGAGEMENTS

JAMES LEES BEECHWOOD, New Cumnock, Ayrshire. Experienced Qualified Locum. Go anywhere, England or Scotland.

LOCUM—Lady Qualified, available immediately, varied experience, tall, young, North London or London preferred. 7 Oakwood View, N.14.

LOCUM or Permanency; £3 10s. Best Dispensing experience; photo, toilets, counter, etc.; tall, active, quick worker; accustomed sole charge. "A," 9 Elm Road, Worthing.

QUALIFIED Locum, some years' experience; free May 14 and later periods; any part. "Radix," 13 Victoria Road, Great Yarmouth.

STUDENT, completed C. and D. course, taking exam. in September, seeks Locums, part- or full-time post. 364/370, Office of this Paper.

WHOLESALE

AXED OWING TO WAR

A leading firm of camera manufacturers, in dispensing with their Home Sales Staff, make it necessary for two of their representatives to seek re-engagement—singly or together—with a House of Repute in the Photographic, Drug or Allied Trades. Ages 36 and 20. Highest credentials, widely experienced, well known in trade with successful sales personalities. Full details gladly furnished on application to 365/374, Office of this Paper.

EXECUTIVE (36), Ph.C.: 5 years retail, 12 years wholesale (one firm—highest standing). Experienced in complete proprietary and general packed goods production and marketing, including costing, buying, showcard production, printing, advertising and sales management. Good organiser with proved creative ability and initiative. CDB/130, Office of this Paper.

LABORATORY Charge Hand seeks permanent situation in London. 30 years' experience Galenic and Pharmaceutical Manufacture. Active, good References. 253/1, Office of this Paper.

MISCELLANEOUS

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our Showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

SECOND-HAND Microscopes. A large selection: instruments for all purposes; best makers, faultless condition. 2d. stamp for list. Chards, Specialists, Forest Hill, London, S.E.23.

LATE NEWS

Business Change.—Menley & James, Ltd., have now closed their Hatton Garden premises. The company's offices, showroom and staff are now entirely accommodated at 123 Coldharbour Lane, S.E.5, to which address all communications should be directed.

Glucose to be Rationed.—The Ministry of Food announced on May 1 that rationing of glucose to trade consumers will be instituted shortly, the probable date being June 1. Users of glucose who have not already completed a form of application for permits to purchase supplies should do so immediately. Forms for users of glucose for food purposes should be obtained from the Applications Officer, The Manufacturing Confectioners Alliance and the Food Manufacturers' Federation, 25 Buckingham Gate, London, S.W., and others users should apply to the Ministry of Food, Sugar Division, Glucose Section, 41 Hill Street, London, S.W. It is understood from inquiries from official sources that supplies to manufacturing chemists will be controlled but that the extent of the rationing for medicinal products is as yet undecided.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

THE following items of business were among those transacted by the Council at their meeting on April 30:—

PAYMENT FOR TREATMENT OF AIR RAID CASUALTIES BY PHARMACISTS.—The publication of the correspondence between the Society and the Ministry of Health was reported and the Council decided to press the Ministry to accept the Society's proposals.

NEW BUILDING: CENTENARY APPEAL FUND.—Arising from the minutes of a meeting of the Appeal Committee, the Council decided that members and others who had promised contributions should now be asked to fulfil their promises and that at their next meeting they would consider what further steps should now be taken to carry into effect the plans made for raising money for the fund.

CENTRAL PHARMACEUTICAL WAR COMMITTEE.—The following were among the decisions of the Committee: Arising from the minutes, the secretary reported that he was in communication with the War Office on the subject of the arrangements for the supply of medicines to soldiers treated by civilian doctors.

PROPOSED SALES TAX.—The Council decided to ask for an assurance from the Treasury that if the imposition of any tax of this nature upon medicines was considered the Society would be consulted at an early stage.

Wednesday's Proceedings

THE action which has been taken to protect the interests of pharmacists in connexion with the proposed sales tax was explained at the meeting of the Council, held at 17 Bloomsbury Square, London, W.C., on May 1. The president (Mr. W. Deacon) was in the chair. The matter was introduced by the following resolution, which, it was stated, had been received from the Manchester, Salford and District Branch: "That the Society take steps at once to ensure that medicines, apart from proprietary medicines, shall be exempt from the proposed sales tax." THE PRESIDENT said the Council had considered the question and had put in their claim to be consulted under the arrangements which the Chancellor of the Exchequer had stated would be made. MR. WALLIS pointed out that it would be a little difficult to decide on a policy until they knew what the Chancellor's proposal was going to be. MR. MELHUSH said the matter had been discussed fully on the previous night, and they had decided that when they found out what the Chancellor intended they would call together the Special Committee which represented all the interests of pharmacy. THE PRESIDENT assured the Council that the machinery for dealing with anything that might arise on the question was ready to function at any time. THE SECRETARY said it might be taken for granted that the Treasury would consult the Council, and he was also quite certain that there would be ample time to consider the proposals.

THE PRESIDENT, before proceeding to the ordinary business of the Council, made sympathetic reference to the death of Mr. J. W. Haynes, manager of the Society's publications department. It had been hoped that Mr. Haynes's illness would be a temporary matter, and that he would recover, but he died unexpectedly. He was sure the Council would desire that a letter of sympathy and regret should be sent to the bereaved family.

THE PRESIDENT next referred to the impending retirement from the Council of Mr. T. Marns. Mr. Marns had served on the Council for nearly twenty years, had occupied the chair of a number of committees and the important offices of vice-president and president. To all the work he had done he had brought his wide business experience and he would be very much missed. The Council regretted his decision to retire but realised that his increasing business responsibilities made it difficult for him to give himself to Council work. There was, however, one consolation, and that was that Mr. Marns had given an assurance that his interest in pharmacy would remain and they would look forward to meeting him on many future occasions, and availing themselves of his help.

MR. MARNs thanked his colleagues for their courtesy and kindness during the eighteen years he had served on the Council.

Education Committee.—The report of the meeting on April 30 was presented by the chairman (Mr. P. F. Rowsell). The committee submitted revised regulations for the diploma in biochemical analysis permitting persons who have passed the Pharmaceutical Chemist qualifying examination or who are graduates in pharmacy to enter for this examination before

becoming members of the Society. The Committee received reports of the examination for the diploma in biochemical analysis, the examination held in London, April 1940, and the representative body of teachers in schools of pharmacy.

Finance Committee.—The financial statement showed that receipts since the last meeting including a balance of £9 18s. 7d., amounted to £10,426 18s. 3d., comprising the following items: Members' fees £4,481 8s., premises fees £1,501 10s., subscriptions £17 17s., College—School of Pharmacy £88 14s. 8d., pharmacological laboratories £98 6s., refund by Ministry of part of Professor Gaddum's salary £180, examinations £8 8s., registration fees as apprentice or student £77 14s., rentals £68 15s., restoration fees £2 12s. 6d., law—penalties and expenses £21 14s., "Pharmaceutical Journal" £1,171 2s. 8d., Pharmaceutical Press £539 9s. 1d., F.S.S.U. contributions and transfer £235 1s. 1d., pharmaceutical trust £1,805 9s. 0d., "Quarterly Journal" advertisements £10 5s., dividends and interest £8 7s. 10d., sundry receipts £10 5s. 1d. Payments ordered at the last meeting amounted to £7,437 0s. 11d., and £2,950 had been transferred to deposit account, leaving a balance of £39 17s. 4d. The amount on deposit account was £8,100. The balances on the other accounts were: Benevolent Fund (current account) £39 4s. 1d., deposit account £1,900, Benevolent Fund (donation account) £20 16s. 7d., deposit account £1,280, War Auxiliary Benevolent Fund £279 4s. 4d., deposit account nil, Hills Orphan Fund £2 6s. 6d., deposit account £450, Orphan Fund £65 17s. 7d., deposit account £480.

Organisation Committee.—The report of this Committee showed that they had been informed that the President had received an invitation from Colonel Baldwin Webb, M.P., and Mr. Alec Nathan to organise, in collaboration with the chairman of the National Pharmaceutical Union, an appeal to British pharmacy to provide one or more ambulances for the Anglo-French ambulance corps. The Committee recommended that the President be authorised to send a letter to the Society's branches suggesting the provision of one or more ambulances in accordance with the suggestion.

Law Committee.—The Registrar reported that from March 17, 1940, to April 20, 1940, 1274 chemists' shops had been visited by the Society's inspectors. They had also visited the premises of 562 listed sellers and 93 drug store proprietors, grocers and similar traders.

Statutory Committee Meeting

A meeting of the Statutory Committee of the Pharmaceutical Society of Great Britain was held on May 1, at 17 Bloomsbury Square, London. The chairman (Mr. G. R. Hill, C.B.) presided, and there were present Messrs. W. Deacon, J. Jack, A. R. Melhuish, E. Saville Peck, and A. Sugden. The Committee first considered the case of a member who had been placed on probation on a charge of attempting to procure a miscarriage. The member appeared before the Committee and was legally represented. The Committee deferred giving a direction for twelve months at the end of which period the member was to submit to the Committee two testimonials as to his character in the meantime. The person affected would then appear before the Committee if called upon to do so. The Committee then considered the case of a member who had been summoned to appear before the Committee as a result of a complaint received by the Committee that he had distributed to a member or members of the public by post and without invitation or request a printed leaflet or pamphlet of an objectionable or indecent nature. The Committee directed the Registrar to remove the name of Barry Lawson from the Register.

Before dealing with the first case the chairman said: The Committee desire me to make an announcement with regard to another matter. During the past three months we have had before us a number of convictions of registered pharmacists for selling strychnine. In all those cases I think it was sold quite openly in the sense that the sale was entered in the Poisons Register. Nevertheless it is an absolutely illegal sale, and although so far the Committee have felt that these offences could be dealt with merely by a warning and not by a summons to appear before the whole Committee, we feel that the time has come when if those deliberate infractions of the law go on, we shall no longer be able to take that lenient course of merely warning the offenders not to permit the same offence again.

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